



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20705-1061

The Annual Meeting of the Friends of Agriculture at Beltsville was held in the Theater Room of the Log Lodge on March 14, 1989. There were 29 members in attendance.

R. L. Steere, President called the meeting to order at 1:10 p.m.

The Minutes of the 1988 Annual Meeting were read and approved.

The Treasurer, Frank Longen gave a report on the two bank accounts.

The Regular Account had a balance Jan. 1, 1988	\$ 4,471.31
Income, Membership Fees	3,550.00
Interest	405.61
Contributions	70.00
Misc. Income	11.30
	<u>4,036.91</u>

Expenses	<u>699.26</u>
Balance Dec. 31, 1988	\$ 7,808.96

Conference & Symposia Account:

Balance as of Jan. 1, 1988	8,669.06
Income 1/1-12/31/88	21,951.48
Interest	553.84
Expenses	<u>24,976.27</u>
Balance as of Dec. 31, 1988	\$ 6,198.11

A copy of the detailed Tresurer's report is filed with the Minutes of the Annual Meeting.

An audit by Dr. Ernie Norris and Dr. Salmon found the books to be in good order. A copy of their report is filed with the Treasurer.

Dr. Byerly reported that 90 letters have been sent out for ~~the~~ ⁴ Symposia XVI. It was suggested that a second mailing be made to individuals who did not respond to the letter. It was felt that such individuals have their own research to support, or they have already allocated what resources they have to requests of this type and cannot consider any more at this time. Donations have been made by Campbell Soup and Hawaiian Sugar Growers. Grace Corp., made a nominal contribution. The Agency reaches out to Agro businesses, Food Processing Companies, National Trade Associations, & Bio-Technical Companies, and letters have been sent to these concerns.

Jane Wall reporting for Information says help is need^{ed} on items of interest for the Newsletter. Newsletters are sent each quarter. Needed especially is information regarding contributions of people working at BARC. There should be reports on the research at Beltsville, and such material should be circulated. There is still a need for retrospective articles. Also information on Awards is needed and should be sent to FAR-B for inclusion in the newsletters.

Dr. Steere, retiring President, thanked the members of the Board for their support during the past 3 years, and the Secretary for the past two years. One of the most important accomplishments during that time was the fact that before any land at Beltsville is to be sold it must have approval by Congress. Also the Symposia in May 1988 was well attended and that things are in good shape at this time for the next Symposia May 1989.

Membership was reported on by Dr. Piringier. There is a total of 135 members (1 Sustaining Member, 9 Patrons, 87 Personal Members and 38 Associate Members.) The Committee would be grateful for any suggestions of persons who might be interested in becoming FAR-B members.

Reporting as Nominations Chairman, Dr. Piringier gave the following list of Candidates:

President:	Dr. T. C. Byerly
V. President:	D. A. A. Piringier
Treasurer:	Frank Longen
Exec. Sec'y:	Margaret Blackwell
Directors:	Jane Wall
	W. A. Bailey
	W. L. Hollister

A motion was made that a unanimous ballot be cast for the new Officers. The motion was seconded and carried.

Dr. Knipling thanked the FAR-B Board for inviting him to be the Speaker at the Annual Meeting. He also recognized the work that has been done by the Board in the past three years, and has appreciated the support given by the Board to the Agency.

Leadership is in the midst of transition with a new Secretary of Agriculture, who is an agriculturist having been a professional farmer. He recognizes the fact that research undergirds the whole agricultural system.

Dr. Plowman, the new Administrator, who spoke to FAR-B after taking office, believes that there will be stability in the future and no reorganizations are expected.

Dr. Knipling, who became BARC Director in the recent reorganization spoke of the streamlining of the Agency, and that the Beltsville area also includes the National Arboretum. A second objective was to streamline management, which is still in an evolutionary stage. It is expected to be very stable in the future.

In the past 6 years ARS budget has grown 3 to 5% a year, and has maintained purchasing power. In F.Y. 1989 there is a \$7 million increase for program and modernization. Budget proposals for F.Y. 1990 became public in January. The Agency as a whole has about \$18 million increase on the program side, and it is expected that about 10-20% of that amount will be allocated to Beltsville. Budget hearings are now being held and with Dr. Plowman attending he is unable to be in Beltsville for this meeting.

Research priorities for ARS and BARC contain many areas of concern. From environmental quality, groundwater, global climate, to food safety, plant and animal diseases. There also is concern about proposals for increased competitive grant programs.

Dr. Knipling spoke of the many ~~a~~ research highlights at BARC which included transgenic animals and plants; CGI environmental release; Soil biocontrol and Technology transfer: patents, exclusive license, and joint ventures to name a few.

There are also issues and challenges, among them facility modernization; safety; security; and land pressures, to use land for development. Approximately ~~7000~~ acres have been released to Metro which is included in the Master plan for land use.

Dr. Knapp showed the FAR-B Board for installing him as the speaker at the annual meeting. He also mentioned the work that has been done by the Board in the past three years, and has appreciated the support given by the Board to the agency.

Understandable in the light of the above is the fact that the Board is in the midst of a reorganization, which is an administrative matter having been a professional matter. We recognize the fact that research and development the whole national system.

Dr. Knapp, the new Administrator, who spoke to FAR-B after taking office, pointed out that he was likely to be in the future and no longer in the present.

Dr. Knapp, who served FAR-B Director in the recent reorganization, spoke of the administration of the Agency, and said the National Science Foundation, the National Aeronautics and Space Administration, and the Environmental Protection Agency, which is still in an evolutionary stage, is expected to be very stable in the future.

In the past 6 years the Agency has grown from 25 to 50 years, and has achieved a significant growth. In 1970, the Agency was a \$1 billion organization for research and development. Budget proposals for 1971, 1972, and 1973 are in the January. The Agency is a whole that is not just a collection of parts, but a unified whole, and it is expected that about 10-15% of the Agency will be allocated to research and development, and the rest will be used for other purposes. It is expected that the Agency will be a very stable organization in the future.

Research is being done for FAR-B and other agencies of research and development. The Agency is a whole that is not just a collection of parts, but a unified whole, and it is expected that the Agency will be a very stable organization in the future.

Dr. Knapp, who spoke at the meeting, said that the Agency is a whole that is not just a collection of parts, but a unified whole, and it is expected that the Agency will be a very stable organization in the future.

There are also issues and challenges, and it is expected that the Agency will be a very stable organization in the future.

A special environmental issue at Beltsville is the management of hazardous waste. Beltsville was cited by EPA on a complaint notice for improper storage of chemicals. Corrective action has already taken place but a very active management program is needed for any kind of hazardous waste disposal or storage.

Building modernization continues and is badly needed since most are 45 to 50 years old. Difficulties are being experienced since everyone has to be moved out of a building and finding space is a problem. It may take as long as two years to complete ~~a one bldg renovation~~ *a one bldg renovation*. ~~renovation on a building.~~ A decision has to be made whether to demolish a building or to build a new one. Building is for the future and not for the past.

The dedication of Bldg. 006 will take place at 10:00 a.m. in the Auditorium on April 21st and an invitation is extended to all. Also at the BARC Symposium May 8-11th there will be a special event at 1:30 p.m. on May 8th to place the name of the former Secretary of Agriculture, Henry A. Wallace on the Honor Roll of Agriculture.

The future of Beltsville looks very promising and it will be a flagship for ARS. Beltsville will provide leadership and the modernizing of facilities will undergird that. Landscape will undoubtedly change, and things may look different than they have for the last 40-50 years, but Beltsville is here to stay.

A history of Beltsville is being prepared and will probably take at least two years to prepare.

A copy of the Outline of Dr. Knipling's speech is attached to the Official Minutes.

The building formerly known as the Log Lodge is now the National Visitor and Education Center.

The new officers were introduced. There being no further business the meeting adjourned at 2:35 p.m.

Respectfully submitted,

Lucile L. Fonda
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Secretary



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

AMENDED

The Annual Meeting of the Friends of Agricultural Research-Beltsville, Inc., was held in the Theater Room of the Log Lodge on March 12, 1991. There were 27 members in attendance.

Al Piringer, President, called the meeting to order at 2:00 p.m.

The President called for a moment of silence in remembrance of T.C. Byerly, Ralph Hodgson, Martin Weiss, Ruth Busbey, Max Chambers, and Victor Adler.

The minutes of the 1990 Annual Meeting were read and approved.

The Treasurer, Frank Longen, gave a report on the two bank accounts. A copy of the detailed Treasurer's report is filed with the Minutes of the Annual Meeting.

Conferences & Symposia Accounts

	<u>Total</u>
Balance As Of January 1, 1990:	\$25,158.50
<u>Income (Jan. 1 - Dec. 31):</u>	
From Registration Fees	19,660.80
From Outside Contributions	2,350.00
From Interest	905.84
TOTAL INCOME:	22,916.64
<u>Expenses (Jan. 1 - Dec. 31):</u>	
Checks Drawn & Other Charges	-17,269.01
Balance As Of December 31, 1990:	\$30,806.13

Regular Membership Account

Balance As of January 1, 1990:	\$11,224.59
<u>Income (Jan. 1 - Dec. 31):</u>	
From Membership Fees	3,190.00
From Interest	893.54
From Contributions	433.30
TOTAL INCOME:	4,516.84
<u>Expenses (Jan. 1 - Dec. 31):</u>	
Checks Drawn & Other Charges	\$3,179.64
Balance As Of December 31, 1990:	\$12,561.79

James
Vogel
Shaw
Stoore

The Treasurer explained that in accordance with the Ethics in Government Act, an honorarium check must be written to the organization intended to benefit from it, not to the scientist to which it was awarded. He asked the members to inform other scientists.

FAR-B currently has 126 active members: 1 sustaining member, 9 patrons, 82 personal members, and 34 associate members.

The Treasurer's report stood approved as read.

The President complemented Jane Wall's professional job of publishing the newsletter and highlighted some of its informative articles, including the first registration of a naturally occurring beneficial fungus as a new biological control for plant diseases.

Dr. Piringer remembered Dr. Waldemar Klassen. Dr. Klassen conceived the idea of what became the Friends of Agricultural Research - Beltsville (FAR-B), and it was because of his efforts that it came into existence in 1986 and for which he was named first Honorary Lifetime member of FAR-B. He is now working with the FAO International Atomic Energy Agency in Vienna, Austria.

Dr. Piringer introduced Dr. Essex E. Finney, Jr., Beltsville, Area Director. Dr. Finney spoke for approximately 20 minutes.

He expressed appreciation for the continuing support FAR-B gives to ARS research; and gave special notice to the active part FAR-B played in the land issue of 1980-1981, when GSA threatened to sell off valuable parcels of land. No action can now be taken to sell BARC land without Congressional approval.

Noted that past President, and charter member, Dr. Byerly knew that he had been selected to enter the ARS Science Hall of Fame before his death in mid-May.

Other ARS Science Hall of Fame award recipients for 1990 are Dr. G. Dickerson, Dr. Virgil Johnson, Dr. George Sprague, and Dr. R. Holly

Before his retirement, "Waldy" Klassen was involved in the modernization project "Renaissance 93" launched in 1985, to restore & upgrade the facilities at Beltsville. It laid the groundwork for a multi million dollar a year budget, the 1992 figure being \$20 million.

Dr. G.C. Marten, is chairing the BARC Land Management/Use Committee. Some of the issues before the committee are:

1. agreed to sell Metro 70 acres for a storage and inspection yard to be located on BARC land north of the Beltway in 1993.
2. negotiating with GSA to dispose of 8.8 acres near Greenbelt to construct a new Federal District Courthouse.

Dr. Finney presented a flip-chart depicting the use of budgeted monies to continue further modernization of the buildings and facilities at the Beltsville Agricultural Research Center. Among other projects, these funds provide for the rebuilding of the Range 2 greenhouse complex, a new small animal building for the Human Nutrition Research Center near Building 308 and a new 70,000 square foot laboratory structure for BARC-West.

Dr. Finney introduced William J. VanDerWoude, Co-chairperson of Beltsville Symposium XVI.

Dr. VanDerWoude summarized progress on planning and speaker commitments for the 1991 symposium entitled, "Photomorphogenesis in Plants; Emerging strategies for

crop improvement". He described the historical significance of the symposium in its recognition of the 40th anniversary of the beginning of phytochrome research at Beltsville. On behalf of himself and Steven J. Britz, Co-chairperson, he expressed his gratitude to FAR-B and the Beltsville Area for their support of the symposium.

Dr. Hollis suggested that in view of the membership of the phytochrome pioneers, Drs. Borthwick and Hendricks, in the National academy of Sciences, that the Academy might be contacted regarding special recognition of the pioneers in this historical symposium. Dr. VanDerWoude said that this was a valuable suggestion and that he would explore it.

In the absence of the nominating committee chairman, George Irving, Al Piringer in a highly irregular move presented the following list of candidates:

President:	Al Piringer
Vice President:	William Bailey
Treasurer:	Frank Longen
Member:	Angus Hanson
Mmember:	John Moseman

The nominated slate was approved and the candidates were unanimously elected.

There being no further business for the good of FAR-B, the meeting adjourned at - 3:20 p.m.

Respectfully Submitted,

Virginia L. Hupfer

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Executive Secretary



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

The Annual Meeting of the Friends of Agricultural Research-Beltsville, Inc., was held in the Theater Room of the Log Lodge on March 10, 1992. There were 21 members in attendance.

Al Piringer, President, called the meeting to order at 2:00 p.m.

The President called for a moment of silence in remembrance of Paul E. James, Orville A. Vogel, John G. Shaw, and Russell L. Steere. Their biographical sketches appeared in this year's Newsletters, except Russell L. Steere. His will be in the forthcoming Newsletter

The President reminded the Board of Directors that the next meeting will be held April 14, 1992 in room 238, building 003.

Members took a few minutes to read the minutes of the 1991 Annual Meeting. They were approved as distributed.

The Treasurer, Frank Longen, did not give a report on the two bank accounts. A copy of the detailed Treasurer's report is filed with the Minutes of the Annual Meeting.

GENERAL ACCOUNT:

Bank Balance as of January 1, 1991 \$12,561.79

INCOME

From New Memberships	\$600.00	
From Membership Renewals	2,860.00	
From Contributions *	585.93	
From Interest on Bank Account	<u>836.67</u>	
Total Income:		<u>4,882.60</u>
Total Available:		\$17,444.39

EXPENSES

Postage	455.30	
P.O. box Rent	49.00	
Printing Expenses	283.00	
Office Supplies	22.98	
Refreshments for Special Events	309.46	
Support of NAL Exhibits **	1,000.00	
Funding of Summer Intern	1,800.00	
Exp. re Distinguished Sc. Award	<u>91.65</u>	
Total Expenses:		<u>4,011.39</u>
Bank Balance as of December 31, 1991:		\$13,433.00

* These contributions are from ARS employees and represent royalties and honoraria paid to them and given to FAR-B.

** This represents support of the Agricultural Art Exhibit and the Seeds of Change Exhibit at NAL - each in the amount of \$500.

<u>CONFERENCES & SYMPOSIA ACCOUNTS</u>	NON-INT. BEARING INT. BEAR. ACCT.		<u>TOTALS</u>
	Acct. #16-2034939	#16-7800701	
Bank Balance as of January 1, 1991	\$5,361.04	\$25,445.09	\$30,806.13
<u>INCOME:</u>			
From Reg. Fees -Symp XVI	2,106.00	18,021.00	20,127.00
From U. of Md. Hort. Dept.	-	5,000.00	5,000.00
From Sale of Proceed. Symp XV	-	105.00	105.00
Interest for Year	-	1,193.14	1,193.14
Refund of Travel Advances	-	1,800.00	1,800.00
Total Income:	<u>2,106.00</u>	<u>26,119.14</u>	<u>28,225.14</u>
Total Available:	7,467.04	51,564.23	59,031.27

EXPENSES:

Symposium XIV *	-	7,665.00	7,665.00
Symposium XV *	1,101.68	8,168.58	9,270.26
Symposium XVI **	<u>3,367.50</u>	<u>17,256.38</u>	<u>20,623.88</u>
Total Expenses:	<u>4,469.18</u>	<u>33,089.96</u>	<u>37,559.14</u>
Bank Balance as of December 31, 1991:	\$2,997.86	\$18,474.27	\$21,472.13

* These figures represent the cost of the Proceedings for Symposium XIV. Other costs for these symposia reported in previous years.

** Major expenditures included the following: Conference facilities, banquet, and coffee breaks - \$12,896.40; Bus transportation to St. Michaels - \$1,130.; Charter cruise - \$605.; Excursion dinner \$564. The cost of the Proceedings is approximately \$10,000. and will be paid when published in 1992.

Steve Berberich reported briefly on the Visitors Center. He said 55% of our visitors came from schools; 35% from various professionals and representatives from science and industry; 10% were foreign visitors.

ARS Visitors Center is working with the University of Maryland with the CYBIS computer system. The University is very enthusiastic about ARS and gave them access to various programs with a free access on modem.

The Visitors Center formed a good bond with the Owens Science Center on Greenbelt Road and have linked our scientists with that program.

We now have our 10 minute orientation tape on ARS available in French and Russian.

With over 20,000 visitors each year, Steve said they were asking for volunteer help and made available a flyer with details.

Jane Wall is departing the Board of Directors after 6 years of service, 3 of which were as Vice President.

Dr. Piringer introduced Dr. Essex E. Finney, Jr., Beltsville, Area Director. Dr. Finney spoke for approximately 20 minutes.

He expressed appreciation for the continuing support FAR-B gives to ARS research.

Dr. Finney invited all members present to visit the newly renovated Building 003 for Poster Day. The Poster Session will be in the afternoon.

On April 24, 1992, there will be a special ceremony to dedicate Building

003 and 007. There will be a symposium in the morning and special programs throughout the day. Through the support of FAR-B, ARS will be able to have a luncheon with host speakers and special guests. On Saturday, April 25, an open house will be held to give employees, their families and the local community an opportunity to learn more about BARC's research programs.

The two symposium chairs were introduced; 1992, Dr. Timothy Gish, and 1993, Dr. Barbara Leonhardt.

A review was given at the Department Level, how the differences between Secretary Madigan and ex-Secretary Yeutter affect the budget at Beltsville.

Dr. Charlie Hess, Assistant Secretary for Science & Education resigned last September. Harry Mussman has been acting; Duane Acker may be chosen to replace him.

Former Beltsville scientist H. Russell Cross has been appointed the new Administrator of the Food Safety and Inspection Service in USDA.

Headquarters Prospective:

Dr. Plowman, Administrator of ARS, has announced a new structure for the National Program Staff. Five Associate Deputy Administrators will now report to Ed Knipling, the Deputy Administrator for National Programs.

- 1) Natural Resources - J. van Schilfgaarde
- 2) Plant Sciences - H. Brooks
- 3) Animal Sciences - R. Oltjen
- 4) Agriproducts & Human Nutrition Sciences - Darrell Cole (acting)
- 5) Genetic Resources - Robert Faust (acting)

Dr. Finney made available a booklet on the 1992-1998 six year Implementation Plan.

What's Going on at Beltsville?

- 1) Beltsville received a plan that calls for about \$200,000,000 to fund a long range Modernization Program, (\$20 million per year for 10 years) to restore and upgrade facilities at Beltsville.
- 2) We have approval from Congress and the appropriated funds to build a new Plant Sciences Building at BARC. The design of the building is almost 50% complete.
- 3) We have completed a central hay storage & commodity building in the dairy complex, and have the money appropriated for finishing our Dairy Research Center.
- 4) Master Plan for use of the 7,000 acres at Beltsville - (a) build a central collection facility for all our systematic collections. The Smithsonian may wish to house some of their collections at Beltsville; (b) University of Maryland is interested in building some joining facilities with us - Transgenic facility for our large animal research; (c) The Metro Green Line is coming to Beltsville in 1993 - we have agreed to sell Metro about 70 acres of land.

Personnel Changes -

- Holly Hayes, Research Leader of Livestock Insects Lab, is President of OPEDA
- George Papavizas retired
- Harold Hawk relinquished responsibility of Research Leader of the Reproduction Lab
- Caird Rexroad is new Research Leader of the Gene Evaluation & Mapping Lab
- Research Leader of the Meat Science Lab, Tony Kotula, will be

- retiring. Morse Solomon will be acting.

Super Grade Scientists during the past year: Dr. Vern Purcell, Dr. J. P. Dubey, Dr. Barbara Leonhardt.

A few that received outstanding recognition through honors and awards: Rufus Chaney, H. Brooks, and a group award to Animal Improvement Programs Lab.

- Dr. Walter Mertz, Director of the Human Nutrition Research Center has announced his intention to retire early 1993.
- Dr. Cathy became National Chair for Florist and Nursery Crops Review. Management has been seeking new Director for the Arboretum.
- Dr. Finney acknowledged Denny Townson and his research staff for a new variety of Elm that is resistant to Dutch Elm disease & other pests.

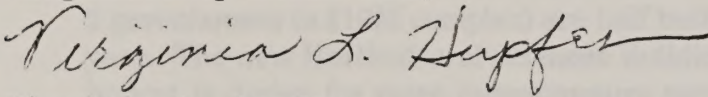
Dr. Piringer introduced Dr. Bill Wergin who reported on 3 activities that will take place April 24, here at Beltsville. There will be a philatelic display in building 003; the Beltsville Post Office will set up an annex selling and canceling stamps with a special cancellation; and also selling envelopes with old issues of stamps that pertain to agriculture.

Dr. George Irving reported that his committee, comprised of Tim Gish, Gus Hanson, and Frank Longen, had selected Dr. Jesse Lunin from the list that Dr. Gish and his committee had submitted.

Mrs. Pat Jackson (retired research chemist) was nominated by the nomination committee (Bill Bailey, Rus Steere, and John Moseman) to replace Jane Wall. It was moved and seconded. Pat was voted by voice vote to serve on the Board of Directors.

There being no further business for the good of FAR-B, the meeting adjourned at 3:45.

Respectfully Submitted,



Virginia L. Hupfer
Executive Secretary

***** Next Annual Meeting *****
NEXT ANNUAL MEETING is Tuesday, March 9, 1993.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, INC.

P.O. Box 1061, Beltsville, Maryland 20704-1061

The Annual Meeting of the Friends of Agricultural Research-Beltsville, Inc., was held in the Theater Room of the Log Lodge on March 14, 1995. There were approximately 35 members in attendance.

Frank Longen, Vice President called the meeting to order at 2:00 p.m. Frank touched on the hi-lights of the status of FAR-B. Frank discussed our membership. We currently have 121-125 members and in recent months, with the assistance of the Area Office, have been trying to get membership back up to 145-150 members. He touched on our financial resources. Frank discussed the Distinguished Scientist Award that is presented each year at the Symposium to a scientist who has made a major contribution in his or her career to the subject matter of that particular year's symposium.

Frank introduced **Dr. Gordon C. Marten**, Beltsville Area Associate Director who gave the status of things at Beltsville.

- The President's budget has called for a \$47M reduction in existing programs of the Agricultural Research Service; of that \$2 1/2M reduction is for Beltsville Area; \$45M of the \$47M is redirection to new initiatives for ARS; of that \$8 1/2 M is for BARC for redirection. The net decrease for ARS is \$2.3M; the net for BARC is an increase of close to \$6M. The increase is very carefully earmarked. The Nationwide areas in the President's budget that ARS is designated to increase are food safety and pathogen reduction, integrated pest management, human nutrition, Agricultural biodiversity and air quality. The decrease proposes the loss of 8 SY's programs at Beltsville.
- Modernization - In the President's budget, there is still \$10M for modernization at Beltsville. This includes the new Controlled Environmental Facility which is 100% designed now. The new range 2 greenhouses (a \$10M complex) are half built and will be finished before the end of this calendar year. The new Horticultural Sciences Building will be occupied the first of May. Included in the budget is design for more infrastructure particularly on BARC-East. The first of the Beltsville Human Nutrition Research Center endeavors would be a new building to be added to the back side of building 307 to house the Human Studies Facility. If we get adequate funding, in fiscal 97, the new Beltsville Human Nutrition Human Studies Building would be built for \$15M. Glen Vandenberg will be retiring in September. In fiscal 98 and beyond we are looking at new animal buildings and new lab office buildings for building 200 area. Building 001 is being gutted and rebuilt, about a \$9M cost. Phil Kearney was the program project manager. It should be finished in December 1996. Ultimately we have something called the "four new building concept". The first is Human Nutrition, the second and third are the building 200 area, and the fourth will be on BARC-West; building 002, building 005, and building 011A are BARC-West buildings eventually due to be modernized. We just opened two wastewater treatment plants. We will be having a tour and dedication sometime in June. The east side plant was a \$6M project and the west side plant, a \$3M project. There is also a new Master Plan being developed. The National Capital Planning Commission (NCPC) mandates a new plan every ten years. The Master Plan costing over \$1M is about 50% finished now. It will be finished April 1996 and will have as an attachment an Automated Land and Facility System which will computerize every square foot of Beltsville (all of our 7,000 acres).
- Dr. Marten explained the term GPRA, Government Performance and Results Act, in keeping with the Vice President's "Reinvention of Government". Starting in 1997 on an annual basis, even though we are doing research, we must report exactly what we did with the monies that got appropriated for us in that fiscal year. We are starting with some pilot projects where Research Leaders are being asked what are their goals and milestones within these goals. Dr. Murrell is

very involved in the visioning part of the program. He and Jan Van Schilfgaarde of the National Program Staff are heading up the visioning exercise. They are bringing in an outside expert to assist in setting up the vision.

- The Strategic Plan must be developed within the next couple of years. It must be in place by 1997.
- Mike Ruff is our new permanent Technology Transfer Coordinator for Beltsville. We currently have 30-35 active CRADA's at Beltsville.
- Awards - Larry Johnson, Research Leader in the Livestock and Poultry Sciences Institute is the 1994 winner of the Alexander von Humboldt Award for agricultural research. In addition, Dr. Johnson was selected for the 1994 ARS Distinguished Scientist Award. Malcolm Thompson will get the ARS Science Hall of Fame Award. Dr. Abdul-Baki was one of the scientists that received the 1995 Federal Laboratory Consortium Award for Excellence in Technology Transfer.
- We are hosting the Precision Agriculture Field Day and Congressional Hearing June 19 here at BARC. A joint House and Senate Agriculture Committee Hearing on Precision Agriculture is planned for the morning and a live demonstration of the technology in the afternoon.
- Dr. Marten noted the formation of a new Initiatives Committee started by Dr. Murrell and chaired by Tom Sexton. He quoted that their goal was to "develop a strategic plan to improve the awareness and effectiveness of FAR-B." Dr. Marten commended the activities and efforts of FAR-B.

Frank introduced **Dr. Walter Rawls**, Research Leader of the Hydrology Lab and member of the Initiatives Committee. He said the committee was formed to illicit more publicity among the employees at Beltsville in an effort to increase Associate members and to work through these employees and their contacts with industry in order to get increased support either through contributions or memberships in FAR-B from among the corporate sector. We are looking at the CRADA's for financial support, Friends of the National Zoo and other such organizations for increased participation, and that perhaps FAR-B could help us congressionally to help Beltsville.

Frank Longen introduced **Dr. Duane Norman**, Symposium XX Co-Chair. Frank said Morton Beroza was FAR-B's representative on the Symposium Committee. Duane spoke about the upcoming Symposium, "Biotechnology's Role in the Genetic Improvement of Farm Animals". Duane passed around the brochures. He explained that retired FAR-B members could attend the scientific sessions free of charge, and the luncheons or evening socials would be \$20 each event. We will start Sunday evening with registration and a reception at the Holiday Inn. The registration fee is \$175, students - \$75, and BARC employees - \$100. We currently have 143 registered. On April 1, the registration fee will be increased to \$200. The Keynote speaker is Dr. Steven O'Brien from the National Cancer Institute in Frederick, MD. We are having the proceedings published by the Journal of Dairy Science at a cost of \$7,000-\$8,000. They will provide us with 500 books. Bill Wergin said the Post Office will again set up a sub-station in room 020, where they will furnish a specially designed pictorial cancellation stamp. Posters - at this point we have approximately 50.

Frank said the subject of the 1996 Symposium will be "Global Genetic Resources-Access, Ownership, and Intellectual Property Rights". Dr. Amy Rossman and Dr. Thomas Elias will Co-Chair the Symposium.

NEW BUSINESS

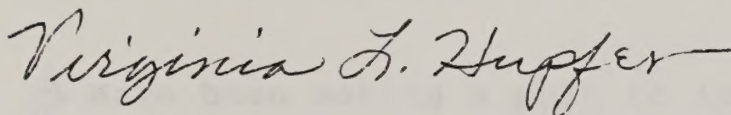
The Annual Meeting is the time for election of officers. The only two assignments that are vacant this year are two members of the Board of Directors. Pat Jackson's term expired this year. She has agreed to serve an additional two years if needed. We had a vacancy on the books which was not filled last year. Representing the Nominating Committee, Frank said he called Dr. Phil Kearney and asked him if he would serve on the BOD. He agreed to do so. At this meeting, the floor was opened for any other nominations. None was made. Al Piringer proposed that the nominations be closed and that a unanimous ballot be cast

for the vacant nominees. Bill Bailey seconded the motion. It was carried. Frank congratulated Pat and Phil.

Frank introduced **Steve Berberich** who mentioned some of the distinguished guests who have come through the National Visitor Center (NVC). He said they had an hour long continuous video of a tour of Beltsville. Steve said they hope to do "thematic" monthly tours, i.e. in April we want to offer "Every Day is Earth Day at Beltsville" tours. He told the group that Prince George's County formed a Tri-Centennial Committee to work on celebrating the 300th Anniversary of Prince George's County (1996). Steve introduced **Mike Holmes** who is working on tying in (for the celebration) a special history tour and outlining historic accomplishments and milestones at Beltsville. Steve asked for volunteers or anyone who knew anything about the history of Beltsville to join him in the committee meetings. Mike Holmes said that some people who come through the NVC really want to know the history of this area, thus he is putting together this tour.

There being no further business for the good of FAR-B, the meeting adjourned at 3:30 p.m. Refreshments were served in the foyer.

Respectfully Submitted,



Virginia L. Hupfer
Executive Secretary

***** Next Annual Meeting *****

NEXT ANNUAL MEETING is Tuesday, March 12, 1996.

1.
Annual Meeting - March 14, 1995

On behalf of the Officers & members of the Board of Director welcome to annual meeting of FAR-B. This marks the start of our 10th year of operation - formed in March 1986.

Mention turnout if good. Especially if good number of Associates.

an informative and interesting
Have ~~interesting~~ program for today, but before getting into the matter of speakers, I'd like to take a few moments to give rundown on the status of FAR-B - particularly in relation to our activities in 1994.

*from work of month
contact, personal
calls, etc. & letters
to retirees.*

Have been making a push to increase our membership - after losing several members during 1994 for various reasons. Institutes & AD's office given us names of recent and not-so-recent retirees. Sent out over 50 letters. Glad to report several new members - as follows: Dr. Walter Mertz, Dr. Lee Briggie, Dr. Helene Cecil, Dr. Robert Zacharius, Douglas Bolt, Selma Horwitz, Dr. Joseph Graham, Dr. George Steffens, Dr. Richard Thimijan, Charles H. Dickson, James Jennings (Assoc.). Also Jim Butcher and Dr. David Lincicome joined in last week or so.

*13 new
members*

also Joe Lincicome, etc.

If any of these persons present, have them stand up.

You will hear more about an initiative started by Dr. Murrell to get more scientists at Beltsville involved with FAR-B.

Our total membership now stands at about 121 - 9 Patrons, 77 Personal Members, and 35 Associate Members. At our peak membership we were up to about 145 members - including a couple of Sustaining Members (contributors of \$500.) Need to attract a few of these.

In terms of our financial resources - we maintain three basic bank accounts - one is our General Fund - which is made up of money collected from membership dues, and various contributions, such as money from royalties and honoraria which employees here at BARC have designated for FAR-B since they cannot accept them. In 1994 one such contribution was for \$1500. - royalty check on behalf of Dr. Judith Hallfrisch. Also others of more than \$100. each - including one from a publisher for honoraria on behalf of Dr. Don Bills.

Out of this account we pay all mailing costs, misc. supplies, luncheon⁴ and refreshment expenses for important events at BARC, i.e. dedication ceremony for new Hort. Sc. Bldg., Field Day ^{dedication of Hort. Sc. Bldg.} for Integrated Pest Management Demonstrations last July, Poster Day, and events of that type. We do this particularly when various dignitaries or industry reps. are present, and where we feel the image of BARC is enhanced. We think it is money well spent. We also fund the salary of a summer Intern from this account. ^{At beginning of 1994 we had} ^{in this acct.} At end of December 1994 we had a balance of about \$15,000. in General Account.

Second major account is our Symposium Account. Money in this account comes from registration fees for each symposium, from funds solicited by FAR-B from industry, and from Bank interest. Last year's symposium was very successful - subject was Advances in Human Energy Metabolism: Balancing Energy Requirements and Energy Intake (Symposium XIX). Total budget ran about \$69,000. covered by \$22,800. from participants, \$11,125. solicited from

3.

industry by FAR-B, and balance by Federal Funds - which go to pay salary of Sympos. Secretary, travel expenses of ^{invited} speakers, and other expenses which can appropriately be paid from Federal funds.

Thought you may be interested in knowing some of the companies we got to contribute funds - they included Coca-Cola Company - \$2000., Nabisco Foods - \$1000., Sugar Assn. - \$1000., Uncle Ben's Inc. - \$1000., National Livestock and Meat Board - \$1000., Wine Institute - \$1000., Mead Johnson Res. Center - \$1000., American Farm Bureau Federation - \$1000., Distilled Spirits Council - \$2000., Nutriline Products - \$100., and Shoppers Food Warehouse - \$25.

In terms of expenses covered we paid for such items as cost of Opening Reception, Cost of Coffee Breaks, cost of Banquet, cost of Poster Session, and approx. 2/3 of the cost of publishing the proceedings (this is still owed since the proceedings are not yet finalized). So we ended the year with a balance in our Symposium Account of \$40,337. This approximates the carry-over from 1993 Symposium. So we will carry-over an amount of about \$25,000. to Symposium XX which is on subject of "Biotechnology's Role in the Genetic Improvement of Farm Animals" - which you will hear about a little later.

One of the more pleasant tasks associated with last year's Symp. was the awarding of the FAR-B Distinguished Scientist Award which you may recall from your Newsletter was presented to Dr. Walter Mertz for his contribution to human nutrition.

4.
Entomology
Our 3rd major account is the Systematic Laboratory Fund (SELF) account. Made up of contributions from current and former SEL employees and others. SEL wants to build this account up over a period of time and an SEL Committee will make recommendations to FAR-B as to how these funds will be spent - i. e. to support travel when other funds are not available, etc. No expenditures made so far - account is currently built up to over \$14,000.

So much for the status of FAR-B. Suffice to say that we are alive and well and glad to be of service to BARC. Need to get more employees interested in FAR-B so that when they retire they can get involved as Officers and Board Members.

Introduce main speaker - Dr. Darwin Murrell.

Call on Dr. Vernon Pursel, Co-Chair of Symposium XX to talk about Symposium XX. (Or Dr. Dwane Norman)

"Biotechnologies Role in the Genetic Improvement of Farm Animals."

Introduce Dr. Amy Rossman, Co-Chair of Symposium XXI on the subject of "Global Genetic Resources - Access, Ownership, and Intellectual Property Rights".

Introduce Tom Sefton to tell us about BARC efforts to get more
Introduce Steve Berberich, Director of the National Visitors Center. *He will introduce Mike Corbo.*

New Business: Two Board Member positions need to be filled this year. Term of Pat Jackson is expired. Other position

scientists to join as Associates - to improve the awareness of FAR-B and effectiveness of FAR-B

has been vacant for past year or two and we'd like to get it filled. Nominating Committee has talked Pat Jackson into replacing herself for another term - unless later on we find a volunteer to take on the assignment. For the vacancy we have enlisted the services of Dr. Phil Kearney, who has recently retired from ARS. At this time we will open the meeting to any further nominations. If there are no other nominations we will consider nominations closed. Those in favor say Aye, opposed No.

Open floor to any further discussions or comments.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, INC.

P.O. Box 1061, Beltsville, Maryland 20704-1061

February 15, 1996

Dr. Floyd P. Horn, Administrator
Agricultural Research Service
U. S. Department of Agriculture
Room 302A - Jamie L. Whitten Federal Bldg.
14th & Independence Ave., S. W.
Washington, D. C. 20250

Dear Dr. Horn:

The purpose of this letter is to extend to you an invitation to address the annual meeting of the Friends of Agricultural Research-Beltsville, Inc., which is being held on Tuesday, March 12, at 2PM in the ARS National Visitor Center (Log Lodge) at Beltsville.

In case you have not yet had an opportunity to learn about our organization, we were organized about 10 years ago as a non-profit group dedicated to support the research and education programs at BARC. A leaflet which describes our purpose and goals in a little more detail is enclosed. Our membership now totals about 150, about 70 of which are retirees who support us as Patrons and Personal Members, a similar number of current employees who have joined as Associate Members, and a small number of industry supporters. Perhaps our more significant contribution to the work of BARC has been in connection with the annual Beltsville International Symposium Series - particularly in soliciting industry financial support for these events. But we also assist in many other ways, such as funding the employment of a number of Summer Interns over the years, purchasing some smaller items of equipment, providing refreshments and other amenities at major events when the use of Federal funds would not be possible.

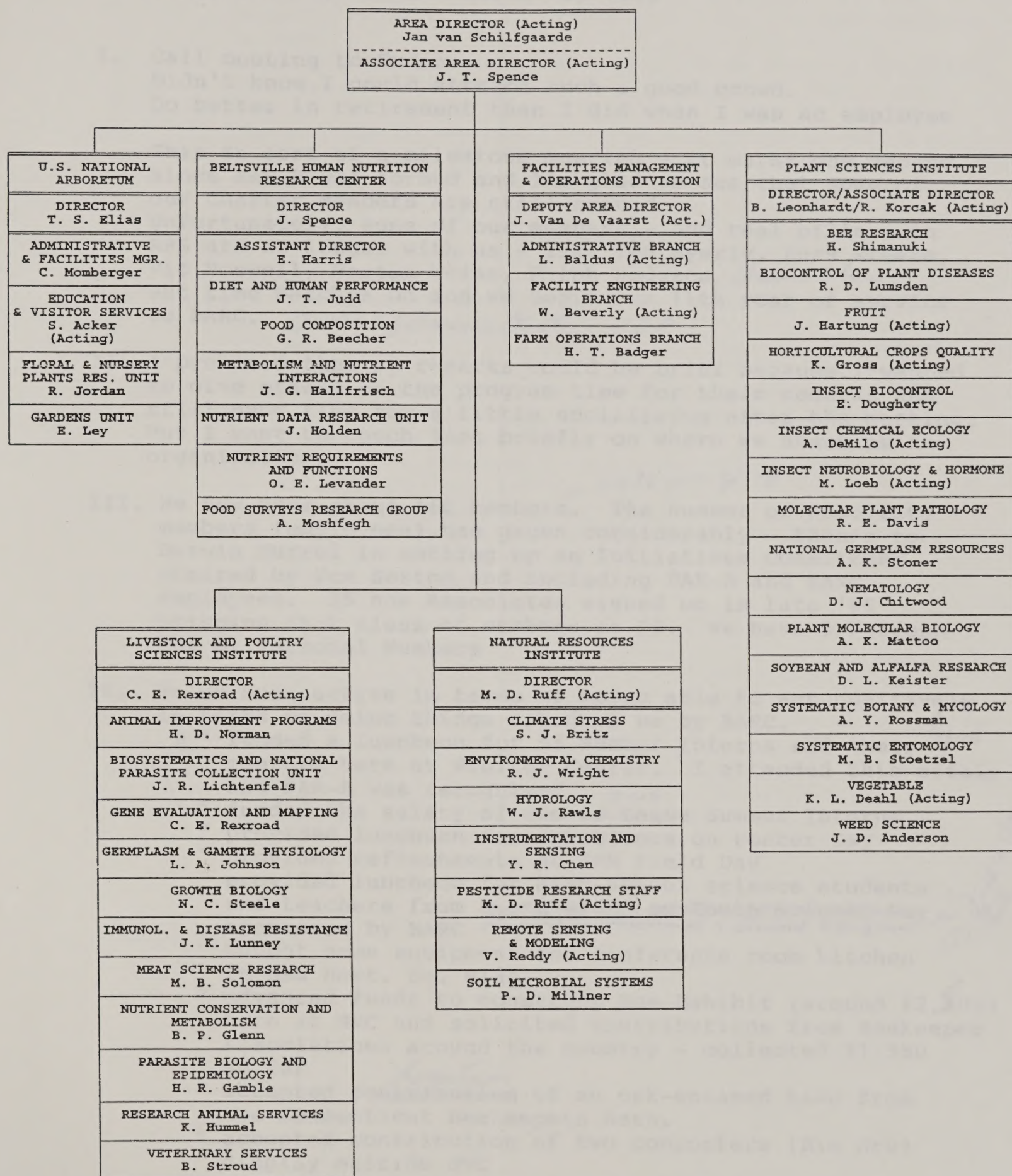
At our annual meeting of the overall membership it has been our custom for the Beltsville Area Director to speak on the status of BARC, its modernization program, research funding, etc. However, in view of the many personnel changes both at BARC and at top ARS levels, the emphasis on government down-sizing, budget balancing, etc., we know that our members would like to hear your assessment on agricultural research today and your visions for the future.

I have discussed your addressing our group with Dr. Van Schilfgaarde. So if your schedule is such that you could meet with us on the 12th you could let Jan's office know. We will be sending our members a reminder of the annual meeting perhaps during the first week of March and we would like to let them know who will be our guest speaker, knowing, of course, that your schedule could change at the last minute.

Sincerely,

Frank Longen
Acting President, FAR-B

USDA, AGRICULTURAL RESEARCH SERVICE
BELTSVILLE AREA



Annual Meeting of FAR-B - March 12, 1996

I. Call meeting to Order

Didn't know I could attract such a good crowd.

Do better in retirement than I did when I was an employee

This is sort of a milestone meeting - it marks one decade since FAR-B was formed and I'm glad to see that some of our Charter Members are still around.

Unfortunately, some of our members - and real pillars in ARS are no longer with us - like Ted Byerly, Russ Steere, Vic Boswell, Martin Weiss, Ralph Hodgson, *Warren Shaw*
But time marches on and we begin our 11th year of service to BARC. *Death of Anne Foster - ADP*

II. I promised that my remarks would be brief because I wanted to give others on the program time for their remarks and still have time for a little socializing after the meeting. But I want to touch just briefly on where we stand as an organization.

III. We now have about 160 members. The number of Associate members (employees) has grown considerably - thanks to Darwin Murrel in setting up an Initiatives Committee - chaired by Tom Sexton and including FAR-B and BARC employees. *~ 35' from yr. ago*
35 new Associates signed on in late '95 bringing that class of members to 70. We have 9 Patrons and 81 Personal Members

IV. We've been active in terms of being able to act positively in terms of doing things asked of us by BARC.

- funded a luncheon for 55 Summer Interns and their mentors here at Visitor Center. I attended this affair and FAR-B was recognized *two*
- funded the salary of ~~one of these~~ *two* Summer Interns
- provided luncheon for exhibitors on Poster Day
- provided refreshments at IPM Field Day
- provided luncheon for high-school science students and teachers from ~~State of Md on Youth Science Day~~ *State of Md on Youth Science Day* sponsored by BARC *150 students of 30 teachers*
- bought some equipment for conference room kitchen in new Hort. Sc. Bldg.
- advanced funds to construct Bee Exhibit (around \$2,500) here at NVC and solicited contributions from Beekeeper Associations around the country - collected \$1,580 so far
- accepted ~~contribution~~ *donation* of an oak-encased hive from the Connecticut Beekeepers Assn.
- accepted contribution of two composters (Bio Orb) display outside NVC
- received contributions from Distilled Spirits Council of \$10,000. and \$5,000. from Jim Beam Brands Co. and are in process of buying a gas headspace sampler for

Found 4 Apr. members in Technology Science. 150 students of 30 teachers

\$15,000. for BHNRC. This will allow the lab to assess volatile fatty acids as oxidation products of low density lipoproteins. FAR-B will buy and then donate to BARC.

- received contribution for \$2800. from Proctor & Gamble with no strings attached - to be used as FAR-B sees fit.
- perhaps our major contribution has again in connection with the annual Belts. International Symposium, which last year was on "Biotechnology's Role in the Genetic Improvement of Farm Animals". Our FAR-B Liaison worked closely with the Organizing Committee and progress was discussed for many months prior at our monthly Board Meetings.
- We solicited contributions from industry to help fund the Symp. and received about \$8,000. (we average about \$10,000. each year).. So far this year we have only \$2,000. but there are two months left before Symp.
- We handled about \$20,000. in registration fees and paid most of Symp. expenses, including the cost of publishing the proceedings
- presented the FAR-B Distinguished Scientist Award to Dr. Harold Hawk for outstanding research accomplishments and inspired leadership in the study of female fertility in cattle, sheep and small animals; sperm survival and transport; and the production and testing of transgenic farm animals.

So much for last year's accomplishments. At this time I want to introduce to you Dr. Joseph Spence, who is currently the Acting Associate Director of the Beltsville Area replacing Dr. Gordon Marten who retired in December. Dr. Spence's home-base assignment is that of Director of the Beltsville Human Nutrition Research Center. He is subbing today of Dr. VanShilfgaarde who is Acting Area Director and who is sitting in for Dr. Murrell who is on sabbatical leave on an assignment in Sweden. Joe is going to tell us a little bit about the status of the Beltsville Area and will introduce our guest speaker.

Fulbright Fellowship at the Royal Veterinary & Agr. Univ. of Copenhagen

✓ purchased - 10 posters \$5000
boards for use during
Symposia of Beltsville
of BARC and other occasions
(Several thousand dollars)
helped out in dedication
two Waste Water Treatment
Plants - dignitaries here
Asgrow Seed Co. - \$1000
James H. Bond - \$500
Sandoz Ag - \$500



FRIENDS OF AGRICULTURAL RESEARCH—BELTSVILLE, INC.

P.O. Box 1061, Beltsville, Maryland 20704-1061

The Annual Meeting of the Friends of Agricultural Research-Beltsville, Inc., was held in the main lobby of the log Lodge on March 12, 1996. There were approximately 40 members in attendance.

Frank Longen, Vice President called the meeting to order at 2:00 p.m. Frank said this meeting marked a milestone in the history of FAR-B. It has been one decade since FAR-B was formed. Frank touched on the hi-lights on the status of FAR-B. We currently have 160 members. About a year ago Dr. Murrell suggested we form an Initiatives Committee, made up of Beltsville employees, to publicize FAR-B, with the intent of increasing our Associate members. Dr. Sexton headed up the Committee, working with Dr. Rawls. As a result of that effort, we gained 35 Associate members. Frank mentioned several projects FAR-B has sponsored. We authorized funding of the salaries of two summer interns. We also funded a luncheon for 55 summer interns and their mentors. In addition, we provided a luncheon for the exhibitors at Poster Day. We also provided some refreshments at an IPM (Integrated Pest Management) Field Day. We provided a luncheon for a group of 150 students and 30 teachers who were invited here by BARC for a student seminar on the subject of 'Food and Agriculture Carers in Technology and Science'. We advanced funds to construct an exhibit on bees here at the National Visitor Center. We solicited and received over \$1,500 from beekeeper's associations around the country. We accepted a donation of a composter from a plastics company in Wisconsin. We also received a \$10,000 donation from "The Distilled Spirits Council of the United States", and another donation of \$5,000 from "Jim Beam Brands Company". This \$15,000 was requested to be used specifically for the Beltsville Human Nutrition Research Center (BHNRC). Proctor and Gamble also donated \$2,800 to FAR-B. FAR-B purchased 10 poster boards for BARC, at approximately \$500 apiece to be used for Poster Day, the Annual Beltsville Symposium and the like. Perhaps our major contribution to BARC is the assistance we give to the Annual Beltsville Symposium. We generally receive around \$10,000 in support from industries involved in the current topic of the Symposium. This helps keep the registration fee down and perhaps increase the attendance. Frank discussed the Distinguished Scientist Award that is presented each year at the Symposium to a scientist who has made a major contribution in his or her career to the subject matter of that particular year's symposium.

Frank introduced **Dr. Joseph T. Spence**, Acting, Beltsville Area Associate Director who gave the status of things at Beltsville.

- Modernization - On the west side, building 10A, the new Horticultural Sciences Building is fully occupied. The Range 2 greenhouses are soon to be occupied. Our next major project is the construction of a controlled environment facility to be located next to the new Horticultural Sciences Building. This \$4.7 million facility is about to go out to bid and is designed to meet the needs of our scientists in an energy efficient manner. Building 001, which will eventually house much of the Natural Resources Institute, is scheduled for completion in the fall of this year. The renovation of Building 004 is

currently underway. In addition to these projects, we are moving ahead with the design phase for improvements to the infrastructure on BARC-East. This is a necessary first step for the renovation and building plans we have for LPSI and BHNRC. Powder Mill Road will be surfaced from 197 to the Parkway.

Dr. Spence introduced **Dr. Floyd Horn**, Administrator of ARS. He spoke for about twenty minutes on the state of the Agency. Dr. Horn said the state of the Agency is quite good. He noted that they were in the middle of the 1997 budget, but we are doing quite well. Dr. Horn noted that ARS has somewhat of an "identity crisis". The mission of the Universities and ours sometimes overlap. He said he was pleased to get to know more about FAR-B and what an impact they had on ARS business. ARS doesn't spend anything on public relations, and FAR-B helps present ARS well. Dr. Horn opened the floor for questions.

Frank introduced **Dr. Amy Rossman**, Symposium XXI Co-Chair. Frank said Morton Beroza was FAR-B's representative on the Symposium Committee. Amy Spoke about the upcoming Symposium, "Global Genetic Resources-Access, Ownership, and Intellectual Property Rights". Amy passed around the brochures. She said her Co-Chairs were Dr. Thomas Elias, Director, National Arboretum, and K. Elaine Hoagland, Executive Director of the Association of Systematics Collections. Dr. Henry Shands of the National Program Staff has played a key role in selecting speakers. She explained that retired FAR-B members could attend the scientific sessions free of charge, and the luncheons or evening socials would be \$20 each event.

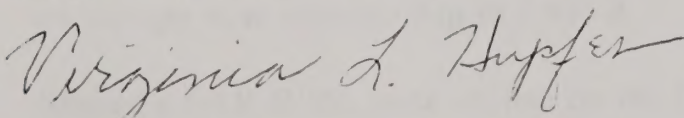
NEW BUSINESS

The Annual Meeting is the time for election of officers. Frank said we had been without a president for approximately a year. Our President, John Moseman, suffered a stroke. Frank noted that he was here today and is continuing to make progress. Dr. Moseman came forward to thank Vice President, Frank Longen for doing an excellent job during his absence. He also thanked the Board for the support they gave him. The Nominating Committee had one nominee to fill the vacancy for President - Phil Kearney. Frank opened the floor for other nominations. There were none. The nomination of Dr. Kearney left a vacancy on the BOD. The nominee for this vacancy was Dr. Essex Finney, Jr. It was moved and seconded the nominations be closed. It was moved that a unanimous ballot be cast for the candidates set forth by the Nominating Committee. It was passed by voice vote.

Bill Bailey read the treasurer's report.

There being no further business for the good of FAR-B, the meeting adjourned at 3:30.

Respectfully Submitted,



Virginia L. Hupfer
Executive Secretary



FAR-B NEWSLETTER

Friends of Agricultural Research-Beltsville, Inc. (FAR-B)
(Cooperating with the Agricultural Research Service
at Beltsville, Maryland)
P.O. Box 1061, Beltsville, MD 20704-1061

May 1996

PRESIDENT'S REPORT

On Tuesday March 12, 1996, FAR-B held its 11th Annual Meeting at the National Visitor Center, Beltsville, Maryland. The highlight of our meeting was a guest lecture by Dr. Floyd Horn, Administrator of ARS. At a time when many government agencies are experiencing the prospects of reduced budgets and generally downsizing, Dr. Horn pointed out that ARS still continued to show a modest budget increase this fiscal year. He also pointed out that future budgets may be tighter than in recent years, but ARS continues to be optimistic about funding the agency's research mission. In a sense, FAR-B members, both those still actively working and retired, can take some pride in the vote of confidence Congress continues to show in the success of ARS's program.

Just prior to the Annual Meeting, we held a Board of Directors' Meeting to elect a new President. I was honored to be asked to serve FAR-B in this capacity. The vacancy caused by my election allowed us to appoint a new Board Director. I am pleased to announce the election of Essex E. Finney. Essex brings a wealth of experience to FAR-B as a top ARS scientist and administrator. Special thanks are due to Frank Longen, who served as the acting President of FAR-B for the last 12 months. Due to the outstanding efforts of John Moseman, Immediate Past President and Frank Longen, FAR-B is in excellent shape from both a financial and membership standpoint. John and Frank continue to work with us in guiding FAR-B's activities.

Thanks to the combined leadership efforts of Tom Sexton and Walter Rawls on a special Advisory Committee for FAR-B established by Dr. Murrell, Area Director, to increase our associate membership at Beltsville, we have over 60 new Associates. This brings our total membership to 168.

On May 19 we will hold the 21st Annual BARC Symposium "Global Genetic Resources - Access, Ownership, and Intellectual Property Rights". Details concerning this symposium are spelled out later in the Newsletter. In conjunction with our continued cooperation with BARC in sponsoring this internationally recognized symposium series, we have developed a full color FAR-B poster to be used in connection with future symposia. Many people played a role in designing the poster, but special recognition is due to Steve Berberich for carrying this project to completion. We hope to place copies of the poster at strategic locations at BARC to encourage new membership in FAR-B.

Recently FAR-B has gone on-line on the INTERNET. You can access the FAR-B home page at <http://hydrolab.arsusda.gov/farb.html> if you have a modem on your computer. The site features the mission of FAR-B, a section on Beltsville, a complete program for BARC

Symposium XXI and information on the National Visitor Center. We will update this site periodically with the program for each subsequent BARC Symposium.

Philip C. Kearney
President

BELTSVILLE SYMPOSIUM XXI

During these last three weeks, preparations for the Beltsville Symposium XXI on "Global Genetic Resources: Access, Ownership and Intellectual Property Rights," May 19-22, 1996, are progressing well. The meeting is jointly sponsored by the Beltsville Area and the Association of Systematics Collections. The purpose of the meeting is to explore issues related to ownership of, and access to, genetic resources and biological specimens as they affect the ability of scientists to do their job of providing knowledge to benefit the people of the world. All international, national, and local speakers have been confirmed. The booklet with final schedule and abstracts of presentations and posters, as well as the brief biographies of each speaker has gone to the printer. The booklet includes a biography of the FAR-B Award winner, Dr. James Duke, who will receive his award at the beginning of the Symposium. It will be presented by Dr. Angus A. Hanson. The ASC Award for Service will be presented to Dr. Lorin Nevling, Illinois Natural History Survey, Champagne, IL. Arrangements have been finalized for the banquet dinner at the newly opened Patuxent Wildlife Refuge Visitors Center. On the shores of Lake Redington and conveniently located off Powder Mill Rd, this should be an outstanding evening event. Registration for the Symposium is approaching 200, with a number of participants expected to register on the first day of the meeting. Retired FAR-B members may attend all technical sessions free of charge. They are also welcome to attend the social events at cost. The Banquet for retired FAR-B members is \$30, and \$20 for any other social function. Registration forms can be obtained from: Virginia Hupfer, B003, Rm. 220, 10300 Baltimore Avenue, Beltsville, MD 20705-2350, 301-504-6108, fax 301-504-6357, email: mbohning@ars-grin.gov.

Symposium Co-Chairs are: Amy Y. Rossman, Systematic Botany and Mycology Laboratory, Rm. 304, B011A, Beltsville, MD 20705, 301-504-5366, fax 301-504-5810; and Thomas Elias, National Arboretum, Washington, DC 20002, 202-347-2850, fax 202-245-4575; and Elaine Hoagland, Executive Director, Association of Systematics Collections, 1725-K St., NW, Suite 601, Washington, DC 20006-1401, 202-835-9050; fax 202-835-7334.

AMY Y. ROSSMAN
THOMAS ELIAS
ELAINE HOAGLAND
Co-Chairs, Symposium XXI

DIRECTOR'S COMMENTS

In the last letter, you learned that Dr. Gordon Marten had retired and that Dr. Darwin Murrell was on his way to Denmark for 6 months.

Dr. Horn asked me to come over from the National Program Staff (NPS) as Acting Area Director until Dr. Murrell returned early in July; Dr. Joe Spence is filling in as Acting Associate Area Director, while retaining his role as Director of the Beltsville Human Nutrition Research Center (BHNRC). Dr. Barbara Leonhardt's position as Director, Plant Sciences Institute (PSI), has been confirmed but we still haven't filled the vacancy for NRI Director. We hope to fill the Deputy Area Director of Facilities Management and Operations Division (FMOD) position in the very near future.

Also since the last letter, the President released his budget proposals for FY-97 (starting October, 1996). Considering the overall budget climate, ARS came out smelling like a rose and the Beltsville Area cannot complain, either. At the agency level, the proposed budget shows an increase of about 2% to \$726M. For BA there is proposed a decrease of \$2,707.5K and an increase of \$4,750K, for a net increase of \$2,042.5K.

Although the net result is an increase, those people impacted by the proposal to discontinue some projects are less than happy. All will be offered positions in ARS, but not necessarily in Beltsville. We have begun the process of adjusting to the change and a number of employees have already been reassigned. We still have a way to go, and we are making every effort to keep the employees informed and involved.

Progress is being made on modernization, as outlined in Murrell's column last time. A disappointment was to learn that the '97 budget included only \$4.5M for modernization, less than we had hoped. Besides the need to complete several ongoing construction projects elsewhere, ARS also faced the dilemma that the next BA project (BHNRC) is a large one; we are not permitted to request partial funding for construction, and the total required for BHNRC was too much for this year's budget.

After an anxious period with low early registration, we now are confident that this year's Beltsville Symposium will again be a success; registration has picked up and we expect good attendance. Thanks to FAR-B for its help in managing these symposia.

As this is being written, we received a message that USDA has decided to proceed with the construction of an office complex near the Greenbelt Metro Station. It is expected that a notice to proceed will be sent some time in May. As you know, this is a USDA project and not an ARS project.

Dr. Horn has testified before both the House and Senate Subcommittees on Appropriations. He was well received in both cases. In the House especially, a number of sharp questions were asked, but all in a manner that was favorable to ARS. Now we await first the mark-up, and then the final action.

We have scheduled a public field day for June 29. There will be tents in front of Building 003 with exhibits, and tours of both BARC-E and BARC-W. We hope to see you there. The field day on composting, announced earlier, had to be postponed because the State of Maryland still hasn't issued the proper permits. The Sustainable Agriculture day is scheduled for July 18.

On May 2, the new bonsai facilities at the Arboretum will be dedicated. Made possible by substantial gifts and both Japanese and American enthusiasts, the new facilities and expanded collection make this exhibit a unique and beautiful adjunct to ARS and to Washington.

In the short time I have been in the Director's Office, I have learned to appreciate FAR-B. The Friends of Agricultural Research-Beltsville are a great asset; they make it possible to do important things that otherwise would be difficult to accomplish, they help us tell the story of BARC and, thus, they help us be good neighbors. My thanks to you members.

Jan van Schilfgaarde
Acting Area Director, BA

JAMES A. DUKE TO RECEIVE FAR-B DISTINGUISHED SCIENTIST AWARD

The FAR-B Board of Directors and the 1996 Symposium Committee are pleased to announce that James A. Duke has been selected to receive the 1996 FAR-B Distinguished Scientist Award. FAR-B has established a practice of presenting an award to a scientist who has had a distinguished career in an area of research related to the subject matter of each year's symposium.

Dr. James A. Duke was hired by the USDA, ARS in 1963 as an ecologist located in Beltsville, Maryland. In 1965 he resigned from the USDA to join the Battelle Columbus Laboratories to conduct ecological and ethnobotanical studies in Panama and Columbia. In 1971 Dr. Duke rejoined the USDA and undertook numerous assignments relating to crop diversification, medicinal plants, and energy plant studies in the United States and in developing countries.

During his career, Dr. Duke prepared an encyclopedia of economic plants, published on a wide range of subjects, and collaborated with the National Cancer Institute on their AIDS and cancer screening programs. Dr. Duke also developed databases on the ecology, nutritional content, folk medicinal uses and chemical constituents of more than 1,000 plant species. These databases are online and available to anyone worldwide to access and use.

Since his retirement in September 1995, Dr. Duke has continued to add additional data to the databases.

Dr. Duke is a member of numerous scientific societies and served as an advisor or unpaid consultant to many organizations including: The Amazon Center for Environmental Education and Research, and the Center for Plant Conservation to name a few. Throughout his career, Dr. Duke was a very productive research scientist, and a very prolific and effective writer and lecturer on many topics related to economic botany.

REGRETS....

It is with sincere regrets that we report the passing of two of our FAR-B Charter Members. On February 25, Dr. Aurel O. Foster died of a pulmonary ailment at the age of 89. Dr. Foster retired in 1971 as Director of the Parasitology Laboratory at Beltsville. He worked for ARS for 36 years, starting as a parasitologist specializing in animal parasite control. Dr. Foster was raised in Englewood, New Jersey, and graduated from Wesleyan University where he also received a Master's Degree. He received his doctorate from Johns Hopkins University School of Hygiene and Public Health. He initially worked in Panama studying tropical diseases and parasites, and later taught at the University of Maryland before joining ARS. Dr. Foster was a past President of the American Society of Parasitologists, and also a past Chairman of the Rayton H. Ramson Memorial Trust Fund at Johns Hopkins which funds scientific scholarships. He was also active in community affairs in College Park, MD where he resided.

Mr. Ernest G. Moore, who retired in 1965 as Director of the ARS Information Division, passed away on April 10 at his home in Bethesda, MD. He was 93 years old. Mr. Moore worked in the information offices of the USDA during a 36-year career that began in 1929. He served as chief of the USDA Press Service before being named Assistant Director of Information, overseeing press and radio activities. After the 1954 reorganization of the USDA he became Director of the Information Division of ARS. After his retirement he wrote "Agricultural Research Service", a historical account of the office in which he worked. A native of Craven County, NC, Mr. Moore graduated from North Carolina State University where he later received a master's degree in agricultural journalism.

BELTSVILLE RESEARCH. A CONTINUING STORY

Cooperative Research and Development Agreements

...With Perdue Farms of Salisbury, MD, to turn chicken feathers into a biodegradable substitute for wood or synthetic fibers such as plastics or nylon. By studying feathers in a magnetic resonance spectrometer, a device similar to the MRI imagers used in hospitals for brain scans, an ARS scientist discovered the properties that make the feather an engineering marvel. It has strong fibers that are more absorbent than wood or plastic. A newly-developed, fiber separation process uses less water, energy and chemicals than for other

fibers. Initially, the feather fibers will be used in disposable diapers, hospital "wipes" and feminine hygiene napkins. Future products may include air filters, oil filters, specialty papers and structural composites similar to fiberglass. Feather fibers cost less than most wood or synthetic fibers. They also distribute moisture more evenly, increasing the fiber's absorbency powers. And they can be composted in anyone's backyard in three weeks, as long as commercially available microbes are added.

ARS Contact:
Walter F. Schmidt
Environmental Chemistry Lab

A protein found in stored Golden Delicious apples can protect the fruit from storage rots. Also present in pears, tomatoes and raspberries, the protein stops the rampage of an enzyme produced by a pathogenic fungus, that attacks fruit after harvest. This is the first time that the protein, called polygalacturonase-inhibiting protein, has been purified from apples. Found in the apples by ARS scientists, the protein decreases as the fruit matures. The decrease occurs at a time when the fruit still needs protection from organisms that cause decay. Growers have long protected fruit from rots with fungicides, but many of the chemicals are no longer available because of health and environmental concerns. Scientists are cloning the gene responsible for producing the protein. They plan to manipulate the gene to produce large amounts of the protein as the fruit matures. It will be some time before they produce transgenic apple trees with the new gene, but once it has been inserted into tissue-cultured plants, they will be ready for field testing.

Horticultural Crops Quality Lab
William S. Conway/Chenglin Yao

Just because a cat has antibodies in its blood indicating previous infection with *Toxoplasma gondii* is no assurance that it can't become reinfected with the parasite. That's in sharp contrast to the longstanding belief that once infected, a cat could not become reinfected later and begin shedding an egg-like form of *T. gondii* again in its feces. Now, ARS researchers are testing a commercially developed vaccine for cats that makes them immune to infection by *T. gondii* and stops the parasite-egg shedding. Cats would be vaccinated annually, especially weaned kittens that are a main source of infection. Although *T. gondii* infects animals and humans worldwide, cats are the only creatures known to excrete *T. gondii* oocysts, a form of the parasite that easily withstands nature's harshness. Humans can become infected by swallowing the oocysts. Healthy people other than pregnant women can weather *T. gondii* infection with few ill effects. But if a pregnant woman becomes infected, there is a 20 to 50 percent probability that her baby will be infected, possibly resulting in blindness, mental retardation or other medical problems for the child. The national cost of raising children infected this way was estimated in 1993 at \$5.3 billion.

Parasite Biology and Epidemiology
Laboratory
J. P. Dubey



FRIENDS OF AGRICULTURAL RESEARCH—BELTSVILLE, INC.

P.O. Box 1061, Beltsville, Maryland 20704-1061

The Annual Meeting of the Friends of Agricultural Research-Beltsville, Inc., was held in the main lobby of the log Lodge on March 12, 1996. There were approximately 40 members in attendance.

Frank Longen, Vice President called the meeting to order at 2:00 p.m. Frank said this meeting marked a milestone in the history of FAR-B. It has been one decade since FAR-B was formed. Frank touched on the hi-lights on the status of FAR-B. We currently have 160 members. About a year ago Dr. Murrell suggested we form an Initiatives Committee, made up of Beltsville employees, to publicize FAR-B, with the intent of increasing our Associate members. Dr. Sexton headed up the Committee, working with Dr. Rawls. As a result of that effort, we gained 35 Associate members. Frank mentioned several projects FAR-B has sponsored. We authorized funding of the salaries of two summer interns. We also funded a luncheon for 55 summer interns and their mentors. In addition, we provided a luncheon for the exhibitors at Poster Day. We also provided some refreshments at an IPM (Integrated Pest Management) Field Day. We provided a luncheon for a group of 150 students and 30 teachers who were invited here by BARC for a student seminar on the subject of 'Food and Agriculture Carers in Technology and Science'. We advanced funds to construct an exhibit on bees here at the National Visitor Center. We solicited and received over \$1,500 from beekeeper's associations around the country. We accepted a donation of a composter from a plastics company in Wisconsin. We also received a \$10,000 donation from "The Distilled Spirits Council of the United States", and another donation of \$5,000 from "Jim Beam Brands Company". This \$15,000 was requested to be used specifically for the Beltsville Human Nutrition Research Center (BHNRC). Proctor and Gamble also donated \$2,800 to FAR-B. FAR-B purchased 10 poster boards for BARC, at approximately \$500 apiece to be used for Poster Day, the Annual Beltsville Symposium and the like. Perhaps our major contribution to BARC is the assistance we give to the Annual Beltsville Symposium. We generally receive around \$10,000 in support from industries involved in the current topic of the Symposium. This helps keep the registration fee down and perhaps increase the attendance. Frank discussed the Distinguished Scientist Award that is presented each year at the Symposium to a scientist who has made a major contribution in his or her career to the subject matter of that particular year's symposium.

Frank introduced **Dr. Joseph T. Spence**, Acting, Beltsville Area Associate Director who gave the status of things at Beltsville.

- Modernization - On the west side, building 10A, the new Horticultural Sciences Building is fully occupied. The Range 2 greenhouses are soon to be occupied. Our next major project is the construction of a controlled environment facility to be located next to the new Horticultural Sciences Building. This \$4.7 million facility is about to go out to bid and is designed to meet the needs of our scientists in an energy efficient manner. Building 001, which will eventually house much of the Natural Resources Institute, is scheduled for completion in the fall of this year. The renovation of Building 004 is

currently underway. In addition to these projects, we are moving ahead with the design phase for improvements to the infrastructure on BARC-East. This is a necessary first step for the renovation and building plans we have for LPSI and BHNRC. Powder Mill Road will be surfaced from 197 to the Parkway.

Dr. Spence introduced **Dr. Floyd Horn**, Administrator of ARS. He spoke for about twenty minutes on the state of the Agency. Dr. Horn said the state of the Agency is quite good. He noted that they were in the middle of the 1997 budget, but we are doing quite well. Dr. Horn noted that ARS has somewhat of an "identity crisis". The mission of the Universities and ours sometimes overlap. He said he was pleased to get to know more about FAR-B and what an impact they had on ARS business. ARS doesn't spend anything on public relations, and FAR-B helps present ARS well. Dr. Horn opened the floor for questions.

Frank introduced **Dr. Amy Rossman**, Symposium XXI Co-Chair. Frank said Morton Beroza was FAR-B's representative on the Symposium Committee. Amy Spoke about the upcoming Symposium, "Global Genetic Resources-Access, Ownership, and Intellectual Property Rights". Amy passed around the brochures. She said her Co-Chairs were Dr. Thomas Elias, Director, National Arboretum, and K. Elaine Hoagland, Executive Director of the Association of Systematics Collections. Dr. Henry Shands of the National Program Staff has played a key role in selecting speakers. She explained that retired FAR-B members could attend the scientific sessions free of charge, and the luncheons or evening socials would be \$20 each event.

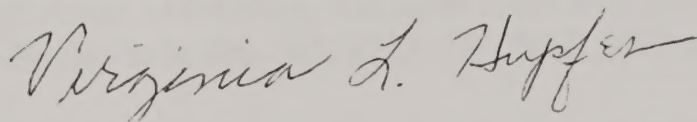
NEW BUSINESS

The Annual Meeting is the time for election of officers. Frank said we had been without a president for approximately a year. Our President, John Moseman, suffered a stroke. Frank noted that he was here today and is continuing to make progress. Dr. Moseman came forward to thank Vice President, Frank Longen for doing an excellent job during his absence. He also thanked the Board for the support they gave him. The Nominating Committee had one nominee to fill the vacancy for President - Phil Kearney. Frank opened the floor for other nominations. There were none. The nomination of Dr. Kearney left a vacancy on the BOD. The nominee for this vacancy was Dr. Essex Finney, Jr. It was moved and seconded the nominations be closed. It was moved that a unanimous ballot be cast for the candidates set forth by the Nominating Committee. It was passed by voice vote.

Bill Bailey read the treasurer's report.

There being no further business for the good of FAR-B, the meeting adjourned at 3:30.

Respectfully Submitted,



Virginia L. Hupfer
Executive Secretary



FAR-B NEWSLETTER

Friends of Agricultural Research-Beltsville, Inc. (FAR-B)
(Cooperating with the Agricultural Research Service
at Beltsville, Maryland)

P.O. Box 1061, Beltsville, MD 20704-1061

October 1996

PRESIDENT'S REPORT

The new, full color FAR-B poster serves as the cover for our 1996 Membership Directory enclosed with this issue of our Newsletter. Through the use of color computer graphics, we were able to reduce the size of our regular poster from 10 x 20 inches to regular paper size. Thanks to our friends in the Hydrology Laboratory, Natural Resources Institute, about 200 copies of the small poster were reproduced on a color copier. The extra copies were used as part of our membership drive, where large and small posters were placed on bulletin boards in all major buildings at BARC. We also exhibited the poster, with FAR-B brochures, at the Prince George's County, Montgomery County and Maryland State Fairs. We are effectively getting our message out on the benefits FAR-B is providing to enhance the research program at the Beltsville Agricultural Research Center.

Two important contributions to FAR-B were received from the Pioneer Seed Company (\$500) as a Sustaining Member and from Merck & Company, Inc. (\$5000) in appreciation for the research accomplishments of BA scientists. Funds collected from contributions and membership dues by FAR-B are used to support various BARC activities, such as the Fourth Annual Sustainable and IPM Field Day, July 16, 1996, the recently concluded 1996 BARC symposium on Genetic Resources, and two upcoming events -- a Minisymposium on Future Trends in Crop Production and the Beltsville Swine Research Field Days, sponsored by the Livestock and Poultry Sciences Institute, to highlight the major contributions BARC has made to this important industry.

We are in the initial planning stages of Beltsville Symposium XXII Beneficial Co-Utilization of Agricultural, Municipal and Industrial By-Products, scheduled for May 4-8, 1997. You can visit the BARC '97 Home Page for the latest information and program inclusions at: <http://www.barc.usda.gov/symp97.html> or FAX (301) 504-6357. This symposium should have wide appeal, since it addresses important urban and rural issues.

Virginia Hupfer, who served as FAR-B's long term Executive Secretary has transferred to a new position in the Beltsville Human Nutrition Research Center. Ginger not only handled a lot of FAR-B's business, but served as the BARC Symposium Secretary. At our September 10th Board of Directors meeting, we presented Ginger with a bouquet of cut flowers for her dedicated service. The BARC Symposium Series will be handled by the organizers in the future. Alice Murray, Hydrology Laboratory, will assist FAR-B by providing some secretarial help. Alice can be reached at Beltsville in Rm 104, Bldg. 007, BARC-West, (301) 504-7490 or FAX (301) 504-8931.

Philip C. Kearney
President

BELTSVILLE SYMPOSIUM XXI: Global Genetic Resources: Access, Ownership and Intellectual Property Rights -- Final Report

The Beltsville Symposium XXI held May 19-22, 1996 was a success! Final registration reached 251 participants representing fifteen countries. Both the speakers and audience were diverse ranging from lawyers, economists, and policy-makers to scientists of many disciplines. The discussion was never dull yet the concern for the future of biological resources was a unifying theme. All who attended the meeting had their perspectives on these controversial issues expanded by the diverse presentations and discussion.

Many individuals contributed to the success of this Symposium all of whom are warmly thanked, and letters of appreciation and cash awards were given as tokens of their willingness to perform responsibilities above and beyond their regular duties. From the roast beef and chocolate-dipped strawberries of the opening social to the evening tapis dinner at the National Wildlife Visitors Center, the Symposium participants were well-cared for. Despite the slow registration and worries of impending financial disaster, the final accounting reveals the Symposium more than paid for itself. The publication of the Proceedings is progressing well with all manuscripts received, reviewed and edited except one. It is anticipated that the camera-ready copy will be sent to the printer by the end of October with distribution to occur six weeks thereafter. The Proceedings will be distributed to all Symposium registrants and will be available to others at a minimal cost.

Amy Y. Rossman, Symposium Chair
Systematic Botany and Mycology Laboratory

BELTSVILLE SYMPOSIUM XXII

The 1997 Beltsville Symposium "Beneficial Co-Utilization of Agricultural, Municipal, and Industrial By-Products", scheduled for May 4-8, 1997, deals with innovative strategies and applications for the safe and beneficial recycling of biosolids, composts, manures, and various processing by-products (organic and inorganic). The agronomic, environmental, horticultural, and socio-economic implications and opportunities will be featured in 35 presentations. In addition, there will be two open panel forums and poster sessions on associated research, demonstrations, and case studies. Both public and private sectors have shown a strong interest in the topics to be addressed, and, hopefully, some will be able to co-sponsor the event. A letter soliciting sponsors has been drafted and will be discussed at the next FAR-B meeting. Suggestions for additional co-sponsors and/or contacts are welcome, and can be provided to FAR-B representative Mort Beroza, or the Symposium Co-Chairs: Patricia Millner, Soil Microbial Systems Lab, 504-8163, Robert Wright, Environmental Chemistry Lab, 504-6511, or Ron Korcak, Plant Sciences Institute, 504-6591.

Patricia D. Millner
Symposium XXII Co-Chair

DIRECTOR'S COMMENTS

I want to take this opportunity to thank all of the FAR-B members that I had the pleasure to work with while I was on detail as Acting Associate Area Director. That detail was professionally and personally very rewarding for me. I always knew what a great place the Beltsville Agricultural Research Center is, but in my role of Director of the Beltsville Human Nutrition Research Center, I had a rather narrow view of BARC. While on detail, I sat in on countless lab reviews and saw first hand the research being conducted in all of the Institutes and Centers. I have to say that I think many of us take for granted the truly outstanding research conducted here at BARC. Beltsville genuinely deserves its reputation as an internationally recognized center of excellence for agricultural research!

One of the truly special aspects of Beltsville is the presence and support of FAR-B. Through the efforts of your organization, all of the scientists at BARC benefit from the flexibility and program support that you provide. Just as there is a tendency to take for granted the scientific excellence at BARC, it is also easy to take the support of FAR-B for granted. After working with many of you and seeing the concern for and enthusiasm you share for Beltsville, you can bet that I will take whatever opportunity I can to let our staff know about the help that FAR-B provides to all of us here at BARC. Just as important, we need to encourage every employee and the entire membership of FAR-B to be as creative as possible and think of ways that FAR-B can continue to advance agricultural research at Beltsville.

BARC, like much of the Federal research enterprise, faces many difficult challenges in the years ahead. In recent years, we have lost many scientists and support staff, our budgets have been reduced, and modernization and facility maintenance have been delayed. These are likely to be hurdles that we will have to overcome for some time. I think that with FAR-B as a partner, there is every reason to be optimistic that we will be able to overcome all of these hurdles as well as any other surprises that may be in store for us.

Again, I want to thank the membership of FAR-B for their tireless support and I want to thank those of you whom I had the pleasure of working with over the past ten months for the insights and advice I received as Acting Associate Area Director. I hope that you will soon have the opportunity to meet Dr. Phyllis Johnson, Associate Area Director, and to work with her. As a newcomer to BARC, I can think of no better group than FAR-B to bring her up to speed quickly on the history and legacy of outstanding agricultural research that exists at Beltsville.

Joseph T. Spence, Director
Beltsville Human Nutrition Research Center

REGRETS.....

It is with sincere regret that we report to our members the deaths of three well-known personalities at BARC during the past few months. All were long-time FAR-B members and supporters. They are as follows:

DR. WILLIAM J. VANDERWOUE

We were saddened to learn of the untimely death of Dr. William J. VanDerWoude, Plant Physiologist in the Climate Stress Lab at Beltsville. He died of complications during liver surgery on June 7, 1996. He was 53 years old. Bill received his Ph.D. from Purdue University in 1972 and worked at the University of California, Riverside, as an Assistant Professor before starting his career with ARS in 1977. After joining ARS, he served first in the Seed Laboratory. He had been part of the Climate Stress Laboratory since 1990. Bill was well-known for his studies on membrane structure and function. While at Beltsville he developed several novel, and now widely accepted, theories based on phytochrome membrane interactions to explain the control of seed germination by light, temperature, and growth regulators. His observations helped to explain several long-standing paradoxes concerning phytochrome and opened the way for practical control of weed seed germination through nocturnal cultivation. Bill was the chief organizer and Co-Chair of Beltsville International Symposium XVI, "Photomorphogenesis in Plants: Emerging Strategies for Crop Improvement", in September 1991. Bill is survived by his wife, Gladys, two sons, Glenn and Brian, and his daughter, Karen.

JANE D. WALL

We were saddened to learn of the death of Mrs. Jane D. Wall on June 10, 1996. Jane was a Charter Member of FAR-B and served as our first Vice President, and as Editor of the FAR-B Newsletter for a number of years. Jane was born and raised in Minneapolis, Minnesota. She was a Phi Beta Kappa graduate of DePaul University and also earned a Masters Degree in Journalism from Columbia University. Early in her career she was an Editorial Assistant to Dr. Douglas Freeman, a noted Southern author. She met her to-be husband, Malcolm, at William and Mary College and they were married in 1940. Her husband's career took them to various locations in the U.S. where Jane always found work in her chosen profession, technical writing and editing. They moved to Maryland in 1963 and Jane took a job as Technical Editor at the Cancer Institute at NIH. In 1967 she accepted a similar position in the former Entomology Research Division of ARS and, after the 1972 reorganization, she worked as a Technical Editor on the ARS National Program Staff. Jane had a reputation as being extremely helpful to ARS scientists in preparing manuscripts for publication in peer-reviewed scientific journals, particularly young scientists inexperienced at writing manuscripts. Jane retired in 1981 but remained active in various volunteer assignments. She will be remembered for all her outstanding accomplishments.

DR. STEPHEN L. SINDEN

Dr. Stephen L. Sinden, a Research Plant Physiologist at BARC since coming to the Washington area in 1968, died at his home in Greenbelt on July 6, 1996. He was 58. At the time of his death, Dr. Sinden was a Research Leader in the Vegetable Laboratory at BARC.

Dr. Sinden was a native of Bellefont, PA and a Cornell University graduate. He received a doctorate in Plant Pathology from the University of California at Davis, and began working for ARS in 1967 while doing postdoctoral work at the University of Wisconsin. He was a member of the Potato

Association of America, the American Society of Horticultural Sciences, and Phi Beta Kappa. Dr. Sinden was also active in a number of community affairs, serving on the board of Greenbelt Homes, Inc., serving as a Cub Master with the Cub Scouts and as a volunteer with the Junior Tennis League, and participating as a science fair judge at Eleanor Roosevelt High School. He was a member of Greenbelt Community Church and of the Greenbelt Museum, and had been a member of FAR-B for many years.

ARS NATIONAL VISITOR CENTER

USDA Foreign Service Nationals are employees of the department who stay in their home countries to serve as agricultural liaison officers in a variety of roles. We had the pleasure and great interest in hosting two groups of FSNs on September 17 and 24. The differing nature of their work--depending on big or little country, trade status, and agricultural sectors -- surfaced in our discussions of ARS programs. We discussed new products, biotechnology potentials and communications technologies. These new friends of Beltsville and ARS returned to 29 different countries with most of their questions answered, we hope.

Barbara Glenn, Research Leader, Nutrient Conservation and Metabolism Lab, hosted research meetings with 22 agricultural scientists and extension agents from Iceland, then turned the group over to the National Visitor Center (NVC). Thoroddor Sveinsson, Research Director of their Agricultural Research Institute's Experiment Station, led a discussion comparing Maryland and Iceland crops and growing conditions.

The University of Tennessee brought 45 of that state's leading and affluent farmers (on the most luxurious bus since The Big Bus). An afternoon of farm-related questions dominated their visit. NOTE: For farmer groups, it may be a good idea to recruit volunteers--call them "Field Scholars," similar to our Road Scholars--to help with such groups. We would need a few such FS's who have a farming background. Volunteers should call Jeanette Baylor at 504-9403.

We hosted a Minister of Agriculture from the nation of Ghana in West Africa, and a group from Albania. Yes, this was a break-through visit for them.

The Minister of Agriculture of Norway, Gunhild Oyangen brought her husband and daughter for an intense day of research demonstrations on August 13. She is the longest running head of an agriculture department of any Western nation. Yet, Mrs. Oyangen had never seen Beltsville!! She brought an entourage of Ministry members, mostly former scientists. Accompanying the group was Cliff Gabriel, who is no stranger to BARC. Over ten years ago Cliff was a research plant pathologist for ARS at Beltsville. His current position is Deputy to the Associate Director of Science in the White House Office of Science and Technology Policy. He said that Beltsville had and continues to have a profoundly positive impression on him.

The Chinese Embassy sent two groups, including one delegation led by their Minister-Counselor for Science and Technology. There have been over 500 scientific exchange visits of Chinese and American scientists since they opened their doors to a USDA delegation of plant scientists in 1979. We now have over 20 cooperative research agreements with China and over a half-dozen Chinese

visiting scientists in ARS laboratories.

Comparing technology notes on irrigation was the topic of Turkish and Australian visitors. Seven presidents of Turkish Irrigation Cooperatives came via an invitation of the USDA's Foreign Agriculture Service. David Farrell, National Program Leader for Hydrology and an Australian-American opened a comprehensive program of research talks for a study group of grain and cotton farmers from that country.

Marian Pournelle, Counselor, Agricultural Sciences (and former plant cell culture scientist), from the South African Embassy sent several envoy groups to BARC to begin work on new cooperation research agreements. For example, we split in half a visit by prominent research managers from South Africa. We designed one program featuring biotech for Johan Brink, Program Manager for Biotechnology. Roelof De Villiers of their Agricultural Research Council enjoyed the second program which featured sustaining natural resources.

Dr. Chang-hung Chou, Director of Taiwan's Institute of Botany is a former classmate of ARS Plant Physiologist Edward Lee in the Climate Stress Laboratory. Chou presented a seminar on plant allelopathy (botano-chemical warfare), visited with BA Director Darwin Murrell and toured the NVC.

At the same time a TV documentary crew from mainland China spent a couple days here taping part of their production, "Agriculture in the United States." They promised us a copy.

Thanks to the raw genius of our secretary, Jeanette Baylor, we have established a regular schedule of public tours on Tuesdays and Thursdays at 1:30 p.m.

And a special thank you to FAR-B for funding our best summer intern yet!! Christina Valentine is a sophomore at St. Mary's College in Maryland. She updated all of our exhibit hall news racks and helped develop presentations on animal parasites and compost.

Korona Prince of the Civil Rights Office funded another intern Karen Kaczorowski, who was our best summer intern yet!! (They have ALL been great.) Karen was very helpful in developing text on ARS Hall of Science Hall of Fame inductees for the Agency's Worldwide Webb page. Karen is a senior at the University of Maryland's Baltimore Campus. She will go to graduate school in plant sciences.

Steve Berberich
National Visitor Center

Agenda FAR-B 11th Annual Meeting
Friday March 7, 1997
2:00 pm Room 020 Bldg 003
Beltsville Agricultural Research Center

2:00 Welcome and introduction of Directors and Officers

President's message
Dr. Philip C. Kearney
President of FAR-B

Presentation of Awards

2:30 BARC Symposium XXII - Beneficial Co-Utilization of Agricultural ,
Municipal and Industrial By-Products.
Dr. Ron Korcak
Co-Chairman

2:45 Annual Report on the Status of Beltsville
Dr. Darwin K. Murrell
Area Director

3:30 Nominations for new Director.
Dr. Kearney

*Glancy
Apr. 12*

Report on Membership and Financial Status

1. Total Membership stands at 181

By membership class, this breaks down as follows:

Sustaining Members 2 (Pioneer Hi-Bred and NARC Federal Credit Union)

Patrons - 17

Personal Members - 84

Associate Members - 78

2. Our last Newsletter gave the names of new members for 1997 - so won't repeat them at this time. However, I would like to mention those who have become new members in 1998 or upgraded their membership in the current year. These are: Mort Beroza (upgrade to Patron); Dick Ridgway (upgrade to Patron); Ralph Bram (new Personal Member); Al de Milo (new Personal Member); John W. Kennedy (new Personal Member); and Darrell Cole (new Associate Member).

3. We plan a "push" to bring in more industry members who might join as Sustaining Members, with a \$500. Contribution. We are working on a letter to go out to Presidents and CEO's of many companies. Perhaps next year we will have something positive to report on this effort.

4. An invitational letter to join FAR-B goes out with the packet of retirement information going to all retirees. This effort has not been very fruitful and we may have to go back to the system of writing separate letters if we can get addresses.

5. On the financial side, let me give you a brief overview of the status of our bank accounts. I should have our Treasurer, Bill Bailey, do this but since I am up here to talk about membership I told Bill I would fill in on the financial side also. He can interrupt me at any time.

6. Since we are in the middle of gearing up for and handling funds for the Symposium coming up in May, it would be best to give you a clearer picture of our financial status by using the end of the calendar year as a cut-off date. This also coincides with our tax filing. So these figures are all as of December 31 as far as bank balances are concerned.

7. In our GENERAL ACCOUNT we ended the year with a balance of \$18,741.18. It is out of this account that we pay for all the amenities we are asked to provide, such as Field Days, Poster Days, Dedication ceremonies, etc. Also funds for the employment of one or two Summer Interns, and anything else that is not directly related to the annual Beltsville Symposium. I believe the only outstanding obligation we have at this time from this account is \$5000 earmarked for use by the Human Nutrition Center. This amount was a gift from the Jim Beam Distilleries specifically

for the BHNRC.

8. In our Conferences and Symposia Account we ended the year with a balance of \$87,873.10. Out of this we have obligated \$10,000 to cover the cost of the Proceedings for last year's symposium. The balance is carried over into 1998 for use by the Symposium coming up next month. If this upcoming symposium is a financial success (as indications show that it will be) we may declare some of the funds in this account surplus and move them to our General Account for other uses since it would not be wise to build this account up too large. These are decisions for the Board of Directors to make.

9. A third account we maintain is for the exclusive use of the Systematic Entomology Lab (called the SELFund, or the SELF Account). It is generated by funds solicited from former and current employees of the SEL. At the end of December, this Fund had a balance of \$4,159.05 in a bank account, and \$27,982.93 in a T. Rowe Price Equity Income Mutual Fund - making an overall total of \$32,141.98.

10. So as of Dec. 31, 1997 we were handling a ^{balance} total of \$138,756.26 in all of the accounts. This makes for a big job for our Treasurer and Bill Bailey deserves a lot of credit for the job he does on keeping our rather complicated books - not to mention the job of filing our tax returns with the IRS and the State of Md. For FAR-B as a non-profit organization.

11. The total balance of all accounts as of the end of the previous year (Dec. 31, 1996) was \$122,417.20, or roughly \$18,000 less than the end of 1997.



FRIENDS OF AGRICULTURAL RESEARCH-BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

FAR-B Annual Meeting Minutes
Rm 20, Bldg. 003, 1pm
April 7, 1998

President Phil Kearney welcomed everyone to the 13th Annual Meeting of the friends of the Agricultural Research - Beltsville. The annual meeting was changed from March to April hoping the weather would be better and more people would be back from winter vacations. The officers and Board of Directors (Mort Beroza, Frank Longen, Bill Bailey, Walter Rawls, Essex Finney and Phil Kearney) were introduced. Phil thanked Dr. Phyllis Johnson, Area Director; Dr. Darrell Cole, Acting Associate Area Director; John Kucharski, Head of the National Visitors Center; and Hank Dickson, Chairman of FAR-B Outreach program for all their help this year. Dr. Johnson gave a update on the happening at Beltsville since the last meeting

GEORGE W. IRVING FELLOWSHIP AWARDS

Ralph Bram Chairman of the selection committee for FAR-B's George W. Irving Fellowship announced that we are sponsoring two fellowships for Beltsville Agricultural Research Center (BARC) scientists as research and training awards. Named in remembrance of the late Dr. George W. Irving, the Administrator of the Agricultural Research Service (ARS) from 1965 to 1971, these awards are intended to improve agency productivity, foster collaborative research with peers, train the recipient scientists in state-of-the-art technology, and develop new skills that will strengthen the mission of ARS.

One award was made to Dr. Larry Sikora of the Soil Microbial Systems Laboratory. Dr. Sikora will spend four months with the Scottish Agricultural College, Auchincruive, Scotland to develop advanced compost control mechanisms that produce beneficial, safe, and value added composts. During this period he intends to define boundary conditions for composting, to begin testing multiple sensors in composting, and to test or produce hardware and software that uses neural network technology to control composting.

Dr. Richard Anderson of the Nutrient Requirements and Functions Laboratory was the recipient of the second award. Dr. Anderson will investigate speciation of chromium in foods and body fluids for six months at the Nestlé Research Center, Lausanne, Switzerland. Dr. Anderson, whose research has shown that insufficient dietary intakes of chromium are associated with increased risk factors for diabetes and cardiovascular diseases, will collaborate with scientists of the Nestlé laboratories to measure the form and amount of chromium present in biological materials. Eventually, this knowledge should allow the determination of who is likely to develop non-insulin

dependent diabetes mellitus and to prevent or alleviate this from happening.

DISTINGUISHED SCIENTIST AWARD

Essex Finney chairman of the selection committee for the 1998 FAR-B DISTINGUISHED SCIENTIST AWARD announced that Dr. Miklos Faust and Dr. Alley Watada will be co-recipients of the 1998 FAR-B Distinguished Scientist Award which will be presented on May 3rd during Beltsville Symposium XXIII on "Fresh Fruits and Vegetables: Quality and Food Safety." This award has been given by the Friends of Agricultural Research - Beltsville (FAR-B) annually to recognize excellence in research. The first award was given in 1987 to Dr. Mary Shaw Shorb, who did pioneering research on Vitamin B deficiency at Beltsville almost 50 years ago. Last year, the award was presented to Dr. Larry Sikora for his major contributions to research on composting and the beneficial use of organic by-products, a theme of the 1997 symposium. The 1998 winners have made widely recognized contributions to horticultural science.

Miklos Faust, a native of Hungary, began his career at Beltsville in 1966. His entire career is centered around fruit research with an emphasis upon elucidating the nutritional requirements of fruit trees. He determined the biochemistry of fruit color, the role of calcium on fruit quality and storage, the mechanism of dwarfing of fruit trees, the mechanism of russetting, and several other important topics. He has published over 200 scientific articles, reviews and books. His book on physiology of temperature zone fruit trees is used as a textbook throughout the world. He received the Gourley Award of the American Society for Horticultural Science (ASHS) twice for excellence in fruit research and in 1975 was elected a Fellow of ASHS. In 1996, the President of the Hungarian Republic presented Dr. Faust the Commandant-Cross of the Hungarian Republic's Order of Merit, the highest honor of the country.

Dr. Alley E. Watada is being recognized for his many significant contributions in postharvest biology and improved methods for protecting the quality of fresh fruits and vegetables. During his career of almost 30 years at Beltsville, he has served as a Research Food Technologist, Investigations Leader, and Research Leader of the Horticultural Crops Quality Laboratory. His research on sensitivity of fruits and vegetables to chilling, modified atmosphere packaging and storage, and analytical and nondestructive measurements of quality has had a major impact upon reducing the \$5 to 7 billion dollar loss that occurs annually in the fresh produce industry during handling, storage, transportation and marketing. The fresh-cut fruits and vegetable industry is a rapidly growing business, and quality and food safety are important issues to producers, marketers and consumers. When the industry began to expand about a decade ago, Dr. Watada initiated research with fresh-cut produce and provided technical guidance as a member of the technical committee of the International Fresh-cut Produce Association. His research in this area resulted in over 50 publications in this critical area over the past 5 years. Dr. Watada has served as Chairman of the Gordon Research Conference, Associate Editor of the Journal of ASHS, was elected a Fellow of ASHS, and awarded the Japan Society for the Promotion of Science Fellowship.

REPORT ON FAR-B MEMBERSHIP AND FINANCIAL STATUS

We ended 1997 with a total membership of 181. The totals by membership class are as follows: Sustaining Members - 2; Patrons - 17; Personal members - 84; and Associate Members (USDA employees) - 78. The majority of our Personal Members are from the retiree ranks, although a number of retirees are enrolled as Patrons, contributing dues of \$100 annually. The two Sustaining Members, contributing dues of \$500 annually, are the National agricultural Research Center Federal Credit Union at Beltsville, and Pioneer Hi-Bred International, Inc. of Johnston, Iowa. We would like to enroll more corporate contributors at the Sustaining Member level. To this end we are in the process of drafting correspondence which we will send out this year to Presidents and CEOs of many companies. Hopefully we will have something positive to report on this effort next year.

On the financial side, our bank balances are in quite good shape as we ended 1997. For bookkeeping purposes we maintain three separate bank accounts. Our GENERAL ACCOUNT ended the year with a balance of \$18,741.18, although we do have an outstanding obligation of \$5,000 against this account. It is out of this account that we pay for the amenities we are asked to provide for various events such as Field Days, Poster Day, dedication ceremonies, etc. Also, funds for the employment of two Summer Interns, and anything else not directly related to the Beltsville Symposium are also paid from this account, including our administrative expenses such as postage, stationery, etc. Funds in this account are generated primarily through membership dues and from outside contributions.

In our CONFERENCES AND SYMPOSIA ACCOUNT we ended the year with a balance of \$87,873.10. There is an outstanding obligation of \$10,000 against this account to cover the cost of the Proceedings for last year's symposium. We have been fortunate in that the last 3 or 4 symposia have been quite successful financially, enabling us to build a fairly sizable account to carry over to succeeding symposia. Funds in this account are generated primarily through registration fees paid by the attendees at the symposia, and to a lesser extent from corporate contributors who have an interest in the subject-matter of the various symposia. From time to time the Board of directors may make a determination to declare some of these funds surplus and transfer them for general use. By the same token, if a symposium should incur a financial loss we would cover such a loss from our general funds.

A third account we maintain is for the exclusive use of the Systematic Entomology Laboratory at Beltsville. It is generated by funds solicited from former and current employees of the SEL. At the end of December 1997, this fund had a balance of \$4,159.05 in a bank account, and \$27,982.93 in a T. Row Price Equity Income Mutual Fund - making an overall total of \$32,141.98.

So as of December 31, 1997, our Treasurer, Bill Bailey, was handling a balance of \$138,756.26 in all of the accounts. Bill deserves a great deal of credit for the job he does in keeping our rather complicated set of books, not to mention the job of filing our tax returns with the IRS and the state of Maryland for FAR-B as a non-profit organization. Of course, his services, as well as the services of all of your FAR-B officers and Board members, are completely voluntary, so that all monies generated, from whatever source, go entirely to support the needs of the Beltsville Agricultural Research Center.

FOCUS COMMITTEE REPORT

Essex Finney chairman of the Focus committee presented the testimony in support of Beltsville which prepared and submitted to congress. A copy of the report was available for attendees.

SYMPOSIUM REPORT

Chein Lee wang - co-organizer of this years Beltsville Symposium XXIII on "Fresh Fruits and Vegetables: Quality and Food Safety." gave a overview and invited all members to attend the symposium being held on May 3-6, 1998.

NOMINATIONS

Mort Beroza presented the nominating committee's slate which consisted of Ralph Bram for vice president; Frank Longen and Al Demilo for board members. The slate of officers was unanimously approved by the membership.

OLD BUISNESS - None

A total of 38 people attended the meeting.

Business Meeting adjourned at 3:15pm .

Minutes taken by
Walter Rawls
wrawls@hydrolab.arsusda.gov
301 504-8745
301 504-8931 fax

FAR-B ANNUAL Meeting - April 7, 1998

WELCOME

Want to welcome everyone to the 13th Annual Meeting of the Friends of Agricultural Research - Beltsville. We have changed our annual meeting date from March to April, hoping the weather would be a little better and many people would be back from their winter vacations. We have succeeded in getting some excellent weather and a good turnout of people. We invited all BARC employees via e-mail and sent postcards to our regular members. There are refreshments here, help yourself anytime, because we are going to have a fairly long meeting today.

INTRODUCTIONS

Officers

- | | |
|----------------|-----------------|
| ● Phil Kearney | ● Mort Beroza |
| ● Frank longen | ● Essex Finney |
| ● Bill Bailey | ● Bill Hollis |
| ● Walter Rawls | ● George Irving |

Also want to thank several people that have been a real help to us this past year

- Phyllis Johnson-Area Director
- Darrel Cole-Associate Area Director
- John Kucharski-Head of the NVC
- Hank Dickson-Chiarman of our Outreach Program.

PROGRAM

Want to cover three areas in our program today

- FAR-B presentation
- BARC presentation
- Nominations

We have initiated several new programs this year, thanks in part to our favorable budget situation. We have collected dues from a number of new members and have earned some money from several contributions from sponsoring symposia and other events. This has allowed us to fund some new ventures in support of the BARC program. We have asked various FARB members to lead this part of the program.

FAR-B Distinguished Scientist Award - Dr. Essex Finney - Panel Selection
Chairman

FAR-B Fellowship Award - New Program -Dr. Ralph Bram-Panel Selection Panel

Membership and Budget - Frank Longen

BARC Symposium - Chein Lee Wang-Co-organizer of the this years BARC Symposium program.

Nomonations Committee - Dr. Mort Beroza

Vice President - Bram

Board Member - Longen

Board Member - Al DeMilo

Congressional Testimony - Dr. E. E. Finney- Chairman Focus Committee-who prepared the testimony and submitted to Congress.

This closes our FARB part of the program, if you have any questions or if you want to wait until after the program, during refreshments - we can discuss any item of interest.

Would now like to introduce Dr. Phyllis Johnson - Area Director of BARC

Nominations

Hanson	Cole
Piringer	Kearney
Brooks	Beroza

Friends of Agricultural Research at Beltsville Annual Meeting

April 7, 1999

Bldg 003, Rm 20

AGENDA

2:00 p.m. Welcome and Self Introductions by Members Ralph Bram

2:10 Introduction of Board of Directors Ralph Bram

Walter Rawls Executive Secretary

(serves the organization in an untold number of ways and acts as our direct liaison with the BARC Area Director)

Bill Bailey Treasurer

(will relinquish this role after 3 terms according to bylaws - is a candidate for the Board)

Frank Longen Membership Chair

(Charter member of the FAR-B Board and does an outstanding job of recruitment and many other assignments)

Mort Beroza Symposium Chair

(also a Charter Member of the FAR-B Board and Chair of the Symposium Committee)

Essex Finney Focus Group Chair

(prepares the budget testimony that we send to Congress - a very important activity)

Al DeMilo Industrial Relations Chair

(fund raising and is a candidate for the new Treasurer)

Bill Hollis Resigned from the Board (present certificate)

Phil Kearney Immediate Past President and candidate for Vice President

(could not attend today due to personal business)

2:15 State of FAR-B Ralph Bram

Financially, FAR-B is in a stable condition and has the resources to carry out its programs for several years to come. Total balance of all accounts as of this date is \$121,132 plus 275 shares of Dayton Power and Light Company stock generously donated by Dr. Maria Faust as support of the Mike Faust Intern program. However, we still need additional resources to support FAR-B programs and the Board is exploring a number of new fund raising initiatives.

Current membership of FAR-B stands at 188 of which 2 are Sustaining Members that contribute \$500 per year (NARC Federal Credit Union and Pioneer Hi-Bred Company); 16 are Patrons who contribute \$100 per year; 84 are Personal Members who contribute \$20 per year; and 86 are Associate Members (USDA employees) who contribute \$10 per year. The Board

would like to thank all FAR-B members for their support. We would also like to extend a special welcome to FAR-B to those new members who have joined us since January 1, 1998 and up to the present time. If any of you are here today, please stand and be recognized. As a result of a recent e-mail message to all BARC employees, we are pleased that we have added 10 new members to our roster.

The Industrial Relations Committee is pursuing new initiatives to seek financial support from private firms or organizations in the agribusiness community and who have a mutual interest in the goals of FAR-B. Letters requesting this support are being drafted for an anticipated Spring mailing. Priority will be given to groups most likely to directly benefit from research achievements of BARC scientists.

The Focus Committee has, again, prepared written testimony to support increased funding for Beltsville in the President's proposed FY2000 budget which is currently before the Appropriations Committees of the U. S. House of Representatives and the U. S. Senate. This testimony was delivered to the appropriate committees and local elected officials on March 11, 1999. Copies of the testimony are available on the back table for you to take and review. You will note that special emphasis is given to complete funding of \$22 million for a new Human Nutrition Center facility and to budget increases for high priority research initiatives in Biologically based IPM, National Nutrient Database program, Food Composition methods, and risk management of livestock wastes. FAR-B members are encouraged to write personal letters to their Senators and Representatives urging their support for funding of these ARS high priority programs at BARC. The 2000 BARC Symposium will be honor of 90 year Aniversary and will Titled : Helping Animals 2000.

2:30	Welcome from The Beltsville Area Director	Phyllis Johnson
2:45	Research Directions for ARS	Darwin Murrell
3:05	Award of the George W. Irving Fellowship Recipient this year is John Dobrinsky from LPSI.	Essex Finney
3:10	Report from a George W. Irving Awardee	Lawrence Sikora
3:15	Election of Officers for 1999-2000 The following slate of officers was presented and approved by the membership. President - Ralph Bram Vice President - Phil Kearney Treasurer - Al DeMilo Executive secretary - Walter Rawls Board Members Frank Longen, Bill Bailey, Mort Beroza, Essex Finney, Jim Butcher, VACANT, VACANT	Mort Beroza

Approximately 45 members were in attendance.

Friends of Agricultural Research — Beltsville, Inc.

ANNUAL MEETING

Beltsville Agricultural Research Center
Building 003, Room 20
Beltsville, Maryland

April 11, 2000

2 PM

Agenda

- | | | |
|-----------|---|--|
| 2:00 p.m. | Call to order | Ralph Bram |
| 2:05 p.m. | Self Introductions | Attendees |
| 2:10 p.m. | USDA Research and Education Programs
The Honorable Dr. I. Miley Gonzalez
Under Secretary of Agriculture for
Research, Education, and Economics
Introduced by Dr. Phyllis Johnson | |
| 2:35 p.m. | The State of BARC | Phyllis Johnson, Area Director |
| 2:50 p.m. | The State of FAR-B
Treasury
Membership
Goals and Objectives
Focus Group
Special Programs | Al DeMilo
Frank Longen
Phil Kearney
Jim Butcher
Ralph Bram |
| 3:15 p.m. | <i>Sobrensky - 5 min.</i>
Election of new officers | Morton Beroza |
| 3:30 p.m. | Adjourn | |



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.
P.O. Box 1061
Beltsville, Maryland 20704-1061

April 30, 2001

Dear FAR-B Member:

MARK YOUR CALENDAR

The Friends of Agricultural Research - Beltsville, Inc. will hold their 15th Annual Meeting on Tuesday, May 8, 2001, in the Auditorium of Bldg. 003. There will be a reception for FAR-B members beginning at 1:30 PM in Conference Room 020 (with light refreshments) and the meeting will begin at 2 PM. Our guest speaker will be Dr. Floyd Horn, ARS Administrator, who will give us up-to-date information on ARS's research and education programs. Dr. Phyllis Johnson, BA Director, will also give us some highlights on programs at Beltsville. The reception will give you a chance to visit with your colleagues and with retirees who you may not have seen for some time. Since we are privileged to have Dr. Horn with us, the meeting in the Auditorium has been opened to all BARC employees. We look forward to seeing you.

Ralph Bram
President, FAR-B



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.
P.O. Box 1061
Beltsville, Maryland 20704-1061

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center
Beltsville, Maryland
May 8, 2001

Agenda

- | | | |
|-----------|---|-----------------|
| 1:30 p.m. | Reception for FAR-B members in Room 020, Building 003 | |
| 2:00 p.m. | Annual Meeting in Auditorium, Building 003 | |
| 2:05 p.m. | Call to Order and Introductions | Ralph Bram |
| 2:10 p.m. | Introduction of ARS Administrator | Phyllis Johnson |
| 2:15 p.m. | Keynote Address by the ARS Administrator | Floyd Horn |
| 2:35 p.m. | Comments by the Beltsville Area Director | Phyllis Johnson |
| 2:45 p.m. | Annual Board of Directors Report to Membership | Ralph Bram |
| 2:55 p.m. | Election of New Board Members | Mort Beroza |
| 3:00 p.m. | Adjourn | |



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.
P.O. Box 1061
Beltsville, Maryland 20704-1061

April 11, 2001

Dr. Floyd P. Horn
Administrator, Agricultural Research Service
United States Department of Agriculture
Jamie L. Whitten Building, 302A
14th and Independence Avenue, S.W.
Washington, D.C. 20250

Dear Dr. Horn:

Thank you for accepting our invitation to be keynote speaker at the Friends of Agricultural Research—Beltsville annual meeting on May 8, 2001. For your information, enclosed is an agenda for the meeting.

I would also like to invite you to a reception for FAR-B members in room 020 of Building 003 of the Henry A. Wallace Beltsville Agricultural Research Center. The reception will be held from 1:30 to 2:00 p.m, just prior to the annual meeting . I know that all FAR-B members would enjoy the opportunity of seeing you again.

A parking space, marked with three red pylons, has been reserved for you in front of Building 003.

I look forward to seeing you on May 8th. Best regards.

Sincerely,

Ralph A. Bram, Ph.D.
President

enclosure

cc: Phyllis Johnson, Beltsville Area Director

Friends of Agricultural Research—Beltsville, Inc.

Annual Meeting

Beltsville Agricultural Research Center
Beltsville, Maryland
May 8, 2001

Tentative Agenda

- | | | |
|-----------|---|------------------------------|
| 1:00 p.m. | Board of Directors May Meeting in Room 238 | |
| | Call to Order | Ralph Bram |
| | Requests for Assistance | |
| | Report of Treasurer | Al DeMilo |
| | Report of Membership Committee | Frank Longen |
| | Report of Publicity Committee | Jim Butcher |
| | Report of Goals and Objectives Committee | Phil Kearney |
| | Report of Area Director's Liaison | Mayna Stoetzel |
| 1:30 p.m. | Adjourn | |
| 1:30 p.m. | Reception for ARS Administrator Room xxx | |
| 2:00 p.m. | Annual Meeting in Auditorium | FAR-B Members and BARC Staff |
| | Call to Order and Introductions | Ralph Bram |
| | Introduction of ARS Administrator | Phyllis Johnson |
| | Comments by the ARS Administrator | Floyd Horn |
| | Comments of Area Director | Phyllis Johnson |
| | Report from the George W. Irving Fellowship Recipient | |
| | Annual Board of Directors Report to Membership | Ralph Bram |
| | Election of New Board Members | Mort Beroza |
| 3:00 p.m. | Adjourn | |

*Report by 4/20 to Jim & Ralph
on Remarks for Annual Meeting*

Subj: **Agenda for FAR-B Annual Meeting**
 Date: 4/18/2002 2:18:40 PM Eastern Daylight Time
 From: rabram@rcn.com
 To: pkearney@asrr.arsusda.gov, wbaily@erols.com, flongen2@juno.com, johnsonp@ars.usda.gov,
kucharsk@asrr.arsusda.gov, rabram@rcn.com, jim@bellatlantic.net, korcakR@ba.ars.usda.gov,
C.H.Dickson@worldnet.att.net, mhberoz@aol.com, mstoetzel@sel.barc.usda.gov,
wwergin@msn.com, kdm@kvl.dk, hankbecker3@aol.com, alwortaylor@aol.com,
JanetFerst@aol.com

Sent from the Internet (Details)

Dear FAR-B Board,

Following is the agenda for our annual meeting on May 14. As you can see, we will cover a lot of ground and will be pressed to finish by 3:15, but we'll try. Jim, will you please send a copy to your contact in Congressman Hoyer's office. Manya, could you please put together an agenda and application form for distribution at the meeting.

Remember, our May Board of Directors meeting will be held in the usual place at 1:00 p.m. just prior to the Reception for FAR-B members.

Will be in touch later. Cheers,

Ralph

Friends of Agricultural Research<Beltsville

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center

Beltsville, Maryland

May 14, 2002

Agenda

1:30 p.m. Reception for FAR-B Members in Room 020, Building 003

2:00 p.m. Annual Meeting in Auditorium, Building 003

2:05 p.m. Call to Order and Introductions Ralph Bram

2:10 p.m. Congressional Support of Agricultural Research The Honorable Steny H. Hoyer

2:30 p.m. National Research Outlook from the ARS Administrator Caird Rexroad

2:45 p.m. Comments by the Beltsville Area Director Phyllis Johnson

2:55 p.m. Annual Board of Directors Report to Membership Ralph Bram

3:05 p.m. Election of New Officers and Board Members Mort Beroza



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.
P.O. Box 1061
Beltsville, Maryland 20704-1061

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center
Building 003, Auditorium
Beltsville, Maryland 20705
May 14, 2002

Agenda

- 1:30 p.m. - Reception for FAR-B Personal, Patron, Sustaining and Associate Members (Bldg 003, Room 020)
- 2:00 p.m. - Annual Meeting (Bldg 003, Auditorium)
- 2:05 p.m. - Call to Order and Introductions - Ralph A. Bram, FAR-B President
- 2:10 p.m. - Congressional Support of Agricultural Research - The Honorable Steny H. Hoyer
- 2:30 p.m. - ARS's National Research Outlook - Edward B. Knipling, Acting ARS Administrator
- 2:45 p.m. - Comments by the Beltsville Area Director - Phyllis E. Johnson
- 2:55 p.m. - Annual Board of Directors Report to Membership - Ralph A. Bram
- 3:05 p.m. - Election of New Officers and Board Members - Morton Beroza
- 3:15 p.m. - Adjourn

You are cordially invited to join

Friends of Agricultural Research-Beltsville, Inc.
P.O. Box 1061
Beltsville, MD 20704-1061



- | | |
|--|-----------------|
| ☐ Personal membership | \$20.00 |
| ☐ Patron membership | \$100.00 |
| ☐ Sustaining membership..... | \$500.00 & over |
| ☐ Associate membership (nonvoting USDA employees)..... | \$10.00 |

Make your tax-deductible check to: Friends of Agricultural Research-Beltsville, Inc.

Name: _____
Address: _____
Phone: _____ E-mail: _____



Friends of

Agricultural

Research

FAR-B

Beltsville, Inc.

FAR-B, a nonprofit organization with members from academia, industry, government, and the general public, is dedicated to promoting the research and educational programs maintained since 1910 at the Henry A. Wallace Beltsville Agricultural Research Center (BARC), Agricultural Research Service (ARS), U.S. Department of Agriculture (USDA), Beltsville, MD.

FAR-B's GOALS:

1. Disseminating information regarding significant accomplishments and expertise at BARC;
2. Organizing and sponsoring major symposia, field days, and scientific seminars and workshops;
3. Generating funds to upgrade equipment and research facilities at BARC;
4. Presenting information and expert testimony to the U.S. Congress and others to support funding for high-priority research;
5. Helping to develop and sponsor information and exhibits for thousands of visitors from throughout the world to the ARS National Visitor Center.

SPECIAL FAR-B ACTIVITIES

Symposia - Since 1986, FAR-B has co-sponsored with BARC international symposia which address major scientific issues or topics of concern to Agriculture.

Symposium proceedings are published and made available to the world scientific community.

Beltsville Symposium XXIV - Healthy Animals - 2000 - September 10-12, 2000.

Beltsville Symposium XXIII - Fresh Fruits and Vegetables: Quality and Food Safety - May 4-8, 1998.

Beltsville Symposium XXII - Beneficial Co-Utilization of Agricultural, Municipal, and Industrial By-Products - May 4-8, 1997.

FAR-B Distinguished Scientist Award -

2000 - Dr. J. Ralph Lichtenfels and Dr. J. P. Dubey

1998 - Dr. Miklos Faust and Dr. Alley E. Watada

1997 - Dr. Lawrence J. Sikora

George W. Irving Fellowship - FAR-B awards this fellowship to a BARC research scientist or administrative officer for travel and study up to six months at a laboratory in the U.S. or abroad.

2000 - Ali Sadeghi - Environmental Chemistry Laboratory - an authority on basic and applied soil physical properties, water movement, and fate of agricultural chemicals, Dr. Sadeghi spent 3 months in residence at the ARS Blackland Research Center, Temple, TX.

Summer Internships - FAR-B sponsors summer internships for high school or college students planning careers in science. The Miklos Faust Summer Intern Award funds, from an endowment established by Dr. Maria Faust, the salary of a summer student working in the Fruit or Vegetable Laboratory at BARC.

2000 - Mehmet E. Yilmazas - worked with Dr. Autar Mattoo, Vegetable Laboratory, on improving plant nutrition, self life, and stress tolerance.

1999 - Courtney Robinson - worked with Dr. Freddi Hammerschlag, Fruit Laboratory, and conducted studies to determine optimum conditions for transformation of commercially important strawberry cultivars.

Field Days - FAR-B co-sponsors with BARC scientists field days to demonstrate the latest agricultural practices and technologies for visiting scientists, growers, and the general public.

BARC Public Field Day - yearly on the first Saturday in June.

Sustainable Agriculture Field Day - yearly in June.

Outreach Programs - FAR-B sponsors programs to promote good public relations with students at all levels and to provide students, parents, and teachers an interesting and instructive tour of BARC's facilities.

Beltsville Invitational - presentation by pre-college students of their research projects, yearly in April.

Elementary School Outreach - Seabrook Elementary School tour of BARC, yearly.

BARC Special Events - FAR-B co-sponsors with BARC programs such as building dedications, special activities and with BARC groups programs on Black History Month (February), Women's History Month (March), BARC Poster Session (April), "Take Your Child to Work Program" (April), Hispanic Heritage Month (October), various Laboratory reviews, etc.

Membership - OPEN TO ALL

Corporate or Sustaining membership -----	\$500 and over
Patron membership -----	\$100
Personal membership -----	\$ 20
Associate membership (nonvoting USDA employees) -----	\$ 10



Combined Federal Campaign (CFC)
Designation number for FAR-B is # 7991.

Send inquiries to: Friends of Agricultural Research - Beltsville, Inc.; P.O. Box 1061; Beltsville, MD 20704-1061



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.
P.O. Box 1061
Beltsville, Maryland 20704-1061

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center
Building 003, Auditorium
Beltsville, Maryland 20705
May 13, 2003

Agenda

- 1:30 p.m. - Reception for FAR-B Personal, Patron, Sustaining and Associate Members (Bldg 003, Room 020)
- 2:00 p.m. - Annual Meeting (Bldg 003, Auditorium)
- 2:05 p.m. - Call to Order and Introductions - Dr. William P. Wergin, FAR-B President
- 2:10 p.m. - Dr. Joseph J. Jen, Under Secretary, Research, Education and Economics
- 2:40 p.m. - Comments by the Beltsville Area Director - Dr. Phyllis E. Johnson
- 2:55 p.m. - Annual Board of Directors Report to Membership - Dr. William P. Wergin
- 3:05 p.m. - Election of New Officers and Board Members - Dr. Morton Beroza
- 3:15 p.m. - Adjourn

You are cordially invited to join

Friends of Agricultural Research-Beltsville, Inc.
P.O. Box 1061
Beltsville, MD 20704-1061



- ☐ Personal membership\$20.00
- ☐ Patron membership\$100.00
- ☐ Sustaining membership.....\$500.00 & over
- ☐ Associate membership (nonvoting USDA employees).....\$10.00

Make your tax-deductible check to: Friends of Agricultural Research-Beltsville, Inc.

Name: _____
Address: _____
Phone: _____ E-mail: _____



Friends of Agricultural Research Beltsville, Inc.

FAR-B

A nonprofit organization with members from academia, industry, government, and the general public, FAR-B is dedicated to promoting the research and educational programs maintained since 1910 at the Henry A. Wallace Beltsville Agricultural Research Center (BARC). FAR-B's goals:

1. Disseminating information regarding significant accomplishments and expertise at BARC;
2. Organizing and sponsoring major symposia, field days, and scientific seminars and workshops;
3. Generating funds to upgrade equipment and research facilities at BARC;
4. Presenting information and expert testimony to the U.S. Congress and others to support adequate funding for high-priority research;
5. Helping to develop and sponsor information and exhibits for thousands of visitors from throughout the world to the ARS National Visitor Center.

Special FAR-B Activities

Landscape Fund - Following the September 2001 tornado, FAR-B contributed significant funds to help restore the landscape.

Symposia - Since 1986, FAR-B has co-sponsored with BARC international symposia which address a major scientific issue or topic of concern to Beltsville scientists and the collaborators. Symposium proceedings are published and made available to the world scientific community.

Beltsville Symposium XXIV - **Healthy Animals - 2000** - September 10-12, 2000.

Beltsville Symposium XXIII - **Fresh Fruits and Vegetables: Quality and Food Safety** -
May 4-8, 1998.

Beltsville symposium XXII - **Beneficial Co-Utilization of Agricultural, Municipal, and
Industrial By-Products** - May 4-8, 1997.

FAR-B Distinguished Scientist Award -

2000 - Dr. J. Ralph Lichtenfels and Dr. J. P. Dubey

1998 - Dr. Miklos Faust and Dr. Alley E. Watada.

1997 - Dr. Lawrence J. Sikora

Fellowships - FAR-B awards the **George W. Irving Fellowship** to a BARC research scientist or administrative officer for travel and study up to six months at a laboratory in the U.S. or abroad.

2000 - Ali Sadeghi - Environmental Chemistry Laboratory - an authority on basic and applied soil physical properties, water movement, and fate of agricultural chemicals will spend 3 months in residence at the ARS Blackland Research Center, Temple, TX.

Summer Internships - FAR-B sponsors summer internships for high school or college students planning careers in science. The **Miklos Faust Summer Intern Award** funds, from an endowment established by Maria Faust, the salary of a summer student working in the Fruit or Vegetable Laboratory at BARC.

2000 - Mehmet E. Yilmazas - worked with Dr. Autar Mattoo, Vegetable Laboratory, on improving plant nutrition, self life, and stress tolerance.

1999 - Courtney Robinson - worked with Dr. Freddi Hammerschlag, Fruit Laboratory, on

Field Days - FAR-B co-sponsors with BARC scientists field days to demonstrate the latest agricultural practices and technologies for visiting scientists, growers, and the general public.

BARC Public Field Day - yearly on the first Saturday in June.

Sustainable Agriculture Field Day - June

Beltsville Invitational - presentation by pre-college students of their research projects, April.

Elementary School Outreach - Seabrook Elementary School tour of BARC.

BARC Special Celebrations - FAR-B co-sponsors with BARC programs such as building dedications, special activities and with BARC groups programs on Black History Month (February), Women's History Month (March), BARC Poster Session (April), "Take Your Child to Work Program" (April), Hispanic Heritage Month (October), various Laboratory reviews, etc.

Combine Federal Campaign (CFC) - the designation number for FAR-B is # 7991.

Membership - open to all

Corporate or Sustaining membership ----- \$500 and over

Patron membership ----- \$100

Personal membership ----- \$ 20

Associate membership (nonvoting USDA employees) ----- \$ 10

Friends of Agricultural Research - Beltsville, Inc.; P.O. Box 1061; Beltsville, MD 20704-1061

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center
Building 003, Auditorium
Beltsville, Maryland 20705
Tuesday, May 2, 2006

1:30 p.m. - Reception for FAR-B Personal, Patron, Sustaining and Associate Members
(Bldg 003, Room 020)

2:00 p.m. - Annual Meeting (Bldg 003, Auditorium)

2:05 p.m. - Call to Order and Introductions - William Wergin, FAR-B Vice-President

2:10 p.m. - Featured Speaker - John Peter Thompson, CEO, Behnke Nurseries Company
- "The New BARC Alliance and the Rise of Invasive Ornamentals"

2:45 p.m. - Comments by the Beltsville Area Director - Phyllis E. Johnson

3:00 p.m. - Annual Board of Directors Report to Membership - William Wergin

3:20 p.m. - Election of New Officers and Board Members - Morton Beroza

3:30 p.m. - Adjourn

Annual Meeting

FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc. Beltsville, Maryland 20704-1061

Henry A. Wallace Beltsville Agricultural Research Center
Conference Room 21, Building 005
Beltsville, Maryland 20705
Monday, May 14, 2007

11:00 am– Darwin Murrell President introduced our speaker, Dr. Gale Buchanan, Under Secretary for Research, Education and Economics, USDA who spoke on the **"The Excellence of the Beltsville Area"**

Following Dr. Buchanan's talk, Dr. Phyllis E. Johnson, Area Director, gave some brief comments on what is happening at BARC.

At noon there was a Reception for FAR-B Members and Guests

At 1:00 p.m the Annual Board of Directors Report to the Membership

- Secretary's Report, Jim Andersen Minutes of the past meeting were accepted after a couple of corrections
- Report from Treasurer, Vern Pursel let us know we are financially sound.

Reports from Committees:

- Awards/Grants Program – Ralph Bram (**NEED TO GET A COPY**)

Annual Meeting

FRIENDS OF AGRICULTURAL RESEARCH - BELLEVILLE, INC.

Belleville, Maryland 20705-1051

Henry A. Wallace Educational Research Center

Conference Room 21, Building 602

Belleville, Maryland 20705

Monday, May 14, 2007

11:00 am - Dennis Fongell, President, introduced our speaker,
Dr. Gale Buchanan, DVM, Secretary for Research, Education and
Economics, USDA, who spoke on the "The Excellence of the
Belleville Area."

Following Dr. Buchanan's talk, Dr. Phyllis E. Johnson, Area Director,
gave some brief comments on what is happening at BAIC.

At noon there was a reception for FA-R Members and Guests.

At 1:00 pm the Annual Board of Directors voted on the membership

• Secretary's Report, Jim Anderson, minutes of the past meeting were
accepted after a couple of corrections.

• Report from Treasurer, Vern Busch let us know we are financially
sound.

Reports from Committees:

• Awards/Gifts Program - Ralph Kean (NEED TO GET A COPY)

- BARC Alliance Liaison- Jim Butcher - This has been a great year for getting the Alliance in place. It is now up and running with John Peter Thompson as President. Essex Finney is member of the BOD.
- Membership Outreach - Al Stoner/ Vern Pursel/ Nancy Thrush – There are 175 members, 75 of which are Associate members. Need to get names of recent retirees from the AO. Also, need to get more Associate Members.
- Combined Federal Campaign - Phil Kearney – This past year, FAR-B received about \$9,000 in pledges. This was our best year. This committee sent out information to all BARC SY's concerning FAR-B before the CFC.
- Community Outreach –Dianne Odland/ Jim Smith/Jim Butcher – FAR-B has been quite active in outreach activities this past year. FAR-B has sponsored Poster Day at BARC, provided Science Fair Judges and monetary awards at County Science Fairs. FAR-B has been very influential in enhancing science at the Beltsville Elementary School (BES). FAR-B has sponsored a Science Enrichment Program at BES for the past 4 years. The past two years (2005 and 2006), FAR-B has received "The President's Volunteer Service Award for the Science Enrichment Programs at BES. This would not have been possible without the tremendous effort of Dianne Odland and Jim Butcher.
- Fund Raising- Freddi Hammerschlag – FAR-B held a Poinsettia plant sells last December where we made almost a thousand dollars. This year, FAR-B hopes to have a mum sell in the fall and a Poinsettia sell in December.
- Legislative Outreach – Jim Butcher – FAR-B sent testimony to both the House and Senate Agriculture Appropriations Committee's this past year. This testimony will serve as background material for the Alliance.

• BARC Alliance Liaison - Jim Butcher - This has been a great year for getting the Alliance in place. It is now up and running with John Peter Thompson as President. Essex Finney is member of the BOO.

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• Fund Raising - Fred Hammerschlag - FAR-B held a Foresters plant sale last December where we made almost a thousand dollars. This year, FAR-B hopes to have a rum sale in the fall and a Foresters sale in December.

• Legislative Outreach - Jim Butcher - FAR-B sent testimony to both the House and Senate Agriculture Appropriations Committee's this past year. This testimony will serve as background material for the Alliance.

- Publicity /Information- Hank Becker – Need information for the Summer News Letter by May 20, 2007. Tour guides are needed at the Visitor Center.
- Administrator's Liaison - Dave Chitwood – Need help at the BARC Field Day on Saturday, June 2, 2007. Dave will help with making Posters.

New Business

Field Day, June 2, 2007. Volunteers are needed to help man the FAR-B booth from 10 a.m. till 4 p.m. So far, Karl Norris and Jim Anderson are scheduled for the morning and Darwin Murrell and Jim Butcher will be there from 1 p.m. More help is needed!

Next meeting is June 12, 2007. This will be last meeting until September, 2007.

• Publicity Information - Hank Becker - Need information for the Summer News Letter by May 20, 2007. Tour guides are needed at the Visitor Center.

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Friends of
Agricultural
Research
Beltsville, Inc.

FAR-B

FAR-B, a nonprofit organization with members from academia, industry, government, and the general public, is dedicated to promoting the research and educational programs maintained since 1910 at the Henry A. Wallace Beltsville Agricultural Research Center (BARC), Agricultural Research Service (ARS), U.S. Department of Agriculture (USDA), Beltsville, MD.

FAR-B's GOALS:

1. Disseminating information regarding significant accomplishments and expertise at BARC;
2. Organizing and sponsoring major symposia, field days, and scientific seminars and workshops;
3. Generating funds to upgrade equipment and research facilities at BARC;
4. Presenting information and expert testimony to the U.S. Congress and others to support funding for high-priority research;
5. Helping to develop and sponsor information and exhibits for thousands of visitors from throughout the world to the ARS National Visitor Center.

SPECIAL FAR-B ACTIVITIES

Symposia - Since 1986, FAR-B has co-sponsored with BARC international symposia which address major scientific issues or topics of concern to Agriculture.

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1997 - Dr. Lawrence J. Sikora

George W. Irving Fellowship - FAR-B awards this fellowship to a BARC research scientist or administrative officer for travel and study up to six months at a laboratory in the U.S. or abroad.

2000 - Ali Sadeghi - Environmental Chemistry Laboratory - an authority on basic and applied soil physical properties, water movement, and fate of agricultural chemicals. Dr. Sadeghi spent 3 months in residence at the ARS Blackland Research Center, Temple, TX.

Summer Internships - FAR-B sponsors summer internships for high school or college students planning careers in science. The Miklos Faust Summer Intern Award funds, from an endowment established by Dr. Maria Faust, the salary of a summer student working in the Fruit or Vegetable Laboratory at BARC.

2000 - Mehmet E. Yilmazas - worked with Dr. Autar Mattoo, Vegetable Laboratory, on improving plant nutrition and stress tolerance.

1999 - Courtney Robinson - worked with Dr. Freddi Hammerschlag, Fruit Laboratory, and contributed to the development of conditions for transformation of commercially important strawberry cultivars.

Field Days - FAR-B co-sponsors with BARC scientists field days to

BARC Field Days



FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, Inc.

P.O. Box 1061

Beltsville, Maryland 20704-1061

Annual Meeting

Henry A. Wallace Beltsville Agricultural Research Center
Beltsville, Maryland
May 8, 2001

Agenda

- | | | |
|-----------|---|-----------------|
| 1:30 p.m. | Reception for FAR-B members in Room 020, Building 003 | |
| 2:00 p.m. | Annual Meeting in Auditorium, Building 003 | |
| 2:05 p.m. | Call to Order and Introductions | Ralph Bram |
| 2:10 p.m. | Introduction of ARS Administrator | Phyllis Johnson |
| 2:15 p.m. | Keynote Address by the ARS Administrator | Floyd Horn |
| 2:35 p.m. | Comments by the Beltsville Area Director | Phyllis Johnson |
| 2:45 p.m. | Annual Board of Directors Report to Membership | Ralph Bram |
| 2:55 p.m. | Election of New Board Members | Mort Beroza |
| 3:00 p.m. | Adjourn | |

Notes on the May 13, 2008 Annual FAR-B Membership Meeting

At 11:00 a.m. Darwin Murrell welcomed members and guests to the FAR-B Annual Meeting. He then introduced Joe Spence, BARC Director who presented the keynote address. Joe discussed the current ARS and BARC budgets and future prospects. He elaborated on the many strengths BARC possesses and the many uncertainties and challenges it faces in the short and long term. He indicated that these many factors make it imperative that BARC develop a research vision for the next 10 years. Following his presentation, Joe responded to numerous questions from the audience.

Darwin Murrell gave a brief report on FAR-B's recent activities. He then asked Vern Pursell to provide a financial report. Vern summarized the organization's income and expenses for the past five years. Darwin asked Jim Butcher to summarize the activities leading to the organization of the National Agricultural Research Alliance-Beltsville and its activities and accomplishments during the past year.

Freddi Hamerschlag nominated Roger Lawson and Richard Zimmerman to fill vacancies on the Board of Directors. There were no further nominations and Roger and Richard were elected unanimously. Freddi then nominated Vern Pursell and Richard Zimmerman to three year terms as President and Treasurer respectively. There were no further nominations from the floor and Vern and Richard were elected unanimously.

Following the election, Darwin adjourned the meeting and invited those present to remain and socialize while they enjoyed lunch provided.

FAR-B ANNUAL MEETING

Henry A. Wallace Beltsville Agricultural Research Center

Conference Room 21, Building 005

Beltsville, Maryland 20705

Thursday, May 14, 2009

11:00 a.m. - Call to Order and Introductions - Vernon Pursel, President

11:05 a.m. - Invited Speaker, Dr. Katherine R. (Kitty) Smith, Acting Under
Secretary for Research, Education, and Economics

"Future of Research at the USDA"

11:40 a.m. - BARC Update - Dr. Tom Sexton, Associate Beltsville Area Director

11:50 a.m. - BARC Centennial Plans - Dr. Roger Lawson

12:00 p.m. - Annual Report to Membership - Vernon Pursel

12:15 p.m. - Reception & light lunch for Guests, BARC Employees, and FAR-B
Members

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Conference Room 21, Building 005

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Members

FAR-B ANNUAL MEETING

Henry A. Wallace Beltsville Agricultural Research Center
Conference Room 21, Building 005
Beltsville, Maryland
11 a.m., Tuesday, May 10, 2011

11:00 a.m. - Call to Order and Introductions - Vernon Pursel, President

11:05 a.m. - Invited Speaker, Dr. Caird Rexroad, Jr., Associate Administrator,
Agricultural Research Service

"Challenging Times at ARS but Research Opportunities Still Knock"

11:30 a.m. - BARC Update - Dr. Joe Spence, Beltsville Area Director

11:45 a.m. - Annual Report and Election of Officers - Vernon Pursel

12:10 p.m. - Reception & light lunch for Guests, BARC Employees, and FAR-B
Members

1 APR - 8 ANNUAL MEETING

Henry A. Wallace Institute for Agriculture and Food
Conference Room 21, Building 22
Baltimore, Maryland
11 am - Tuesday, May 10, 2011

11:00 am - Call to Order and Information - Henry A. Wallace Institute

11:05 am - Guest Lecture: The Food System in America's Administration
Agricultural Research Service

11:15 am - Break at 11:15 am and 11:30 am

11:30 am - Panel Update - The Food System: Baltimore Area Chapter

11:45 am - Annual Report and Election of Officers - Baltimore Area Chapter

12:10 pm - Reception & Light Lunch for Guests, Board Members, and Staff
Baltimore



FAR-B

**Friends of Agricultural
Research-Beltsville, Inc.**

FAR-B ANNUAL MEETING

Building 005, Room 21, BARC - West

May 10, 2011

OFFICERS

President	Vernon Pursel
Vice President	Darwin Murrell
Treasurer	Dick Zimmerman
Secretary	Jim Anderson

DIRECTORS

Hank Becker	Jim Butcher
Essex Finney	Freddi Hammerschlag
Phil Kearney	Allan Stoner
Jim Smith	Lew Smith

LIASONS

David Chitwood - BARC

Dianne Odland - ARS Information

AGENDA

11:00 a.m. - Introductions - Vernon Pursel, President

11:05 a.m. - Invited Speaker, Dr. Caird Rexroad, Jr.,
ARS Associate Administrator

**"Challenging Times at ARS but Research Opportunities
Still Knock"**

11:30 a.m. - BARC Update - Dr. Joe Spence, Beltsville Area
Director

11:45 a.m. - Annual Report - Vernon Pursel

12:10 p.m. - Reception & light lunch for Guests, BARC
Employees, and FAR-B Members

DON'T FORGET - 2nd FAR-B/BARC FRIENDSHIP DAY
Sunday, June 26 from 1 to 5 p.m.



FAR-B ANNUAL MEETING
Building 005, Room 21, BARC - West
May 15, 2012

AGENDA

- 11:00 a.m. - Welcome - James Anderson
- 11:05 a.m. - Invited Speaker, Mr. Jeffrey Mervis, Deputy
News Editor for Science
- "The Science Budget: The Big Picture, and what it
could mean for agricultural research"**
- 11:40 a.m. - BARC Update, Dr. Joseph Spence, Beltsville Area
Director
- 11:55 a.m. - Annual Report - James Anderson
- 12:05 p.m. - Presentation of the **"Vernon G. Pursel Student
Scientific Achievement Award"** Ms. Tolulope Adetayo
- 12:10 p.m. - Election of new Board members
- 12:15 p.m. - Amending FAR-B By-Laws - K. Darwin Murrell
- 12:30 p.m. - Reception & light lunch for Guests, BARC Employees, &
FAR-B members

BOARD OF DIRECTORS
FRIENDS OF AGRICULTURAL RESEARCH
— BELTSVILLE, INC.

OFFICERS

President	James Anderson
Vice President	K. Darwin Murrell
Treasurer	Richard Zimmerman
Secretary	Allan Stoner

DIRECTORS

Special Advisor	Essex Finney
CFC	Lewis Smith
Membership	Allan Stoner
Community Outreach	James Butcher
NARA-B Liaison	James Butcher
Publicity	Henry Becker
Director	James Smith
Web Master	Jimmie Mowder
Liaison with BARC	David Chitwood



FAR-B

Friends of Agricultural
Research-Beltsville, Inc.

FAR-B ANNUAL MEETING

Building 005, Room 21, BARC - West

May 14, 2013

AGENDA

11:00 a.m. – Introductions – James Anderson President

11:05 a.m. – Invited Speaker, Dr. Joseph Spence; Director,
Beltsville Area, ARS, USDA

“No longer business as usual but unusual potential”.

11:45 a.m. – Annual Report and Discussion – James Anderson

12:15 p.m. – Presentation of the “**Vernon G. Pursel Student
Scientific Achievement Award**” Ms. Collette Harding,
Charles Herbert Flowers High School

12:25 p.m. – Election of new Board members (Dr. Stoner)

12:35 p.m.- Reception & light lunch for Guests, BARC Employees, &
FAR-B members

**BOARD OF DIRECTORS
FRIENDS OF AGRICULTURAL RESEARCH
— BELTSVILLE, INC.
OFFICERS**

President	James Anderson
Vice President	K. Darwin Murrell
Treasurer	Richard Zimmerma

DIRECTORS

Special Advisor	Essex Finney
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Liaison with BARC	David Chitwood



F A R - B
FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, INC.
P.O. BOX 1061
BELTSVILLE, MARYLAND 20704-1061

***Dedicated to Promote the Research and Education Programs of the Henry A. Wallace
Beltsville Agricultural Research Center (BARC), Beltsville, Maryland***

FAR-B Annual Meeting – May 14, 2014
Building 005, Room 21, BARC –W

President Dr. Jim Anderson opened the meeting at 9:30 by welcoming FAR-B members and Beltsville employees. He then introduced the recently appointed Administrator of ARS, Dr. Chavonda Jacobs -Young. Dr. Jacobs-Young who spoke on “ARS – Advancing Agriculture Thru Research”.

Dr. Jacobs-Young began her presentation by describing her educational and professional background. She then discussed recent personnel changes in the agency, the pending reorganization of the Area structure, the current fiscal status of the agency, and her vision for the future of the ARS. She recognized the contributions that FAR-B had made in support of the Beltsville program. Following her prepared remarks, Dr. Jacobs-Young responded to several questions from the audience.

Dr. Anderson then introduced Dr. Joe Spence, Beltsville Area Director. Dr. Spence thanked FAR-B for its support of the Beltsville programs and Dr. Steve Shafer who was recently reassigned from Director of the Beltsville Agriculture Research Center to ARS Associate Administrator. He then discussed the status of the Beltsville Area and concluded by responding to questions from the audience.

Following Dr. Spence's remarks, Dr. Anderson discussed FAR-B's mission, membership, financial status and 2013-2014 activities. He described the recent Aileen Lee bequest and FAR-B's plans to use the funds to support upward mobility training for Beltsville support staff. Dr. Anderson closed his remarks by acknowledging Ms. Simmisola Tinubu, a senior at Eleanor Roosevelt High School, as the winner of the 2014 “Vernon G. Pursel Student Scientific Achievement Award”. Ms. Tinubu was participating in the Intel International Science Fair in California, thus unable to attend to receive the award in person.

To conclude the meeting, Dr. Anderson, on behalf of the nominating committee, placed in nomination his name to continue as President, Darwin Murrell as Vice President, Allan Stoner as Secretary, Richard Parry as Treasurer and Phyllis Martin and Wiz Horner to serve on the Board of Directors. The nominations were seconded and unanimously approved by the membership.

Following the business meeting, the attendees were invited to remain for a reception and light lunch.

Allan K. Stoner, Secretary



FAR-B

Friends of Agricultural
Research-Beltsville, Inc.

FAR-B ANNUAL MEETING

Building 005, Room 21, BARC - West

May 14, 2014

AGENDA

- 9:30 a.m. – Welcome – James Anderson, President FAR-B
- 9:35 a.m. – Invited Speaker, Dr. Chavonda Jacobs-Young,
Administrator, Agricultural Research Service, USDA
“ARS – Advancing Agriculture Through Research”
- 10:35 a.m. – State of the Beltsville Area - Dr. Joseph Spence;
Director, Beltsville Area, ARS, USDA
- 11:00 a.m. – Annual Report and Discussion– James Anderson
- 11:15 p.m. – Presentation of the **“Vernon G. Pursel Student
Scientific Achievement Award”** to Ms. Sinmisola
Tinubu, a senior at Eleanor Roosevelt High School
- 11:20 a.m. – Election – Dr. Anderson
- 11:25 a.m. – Reception & light lunch for Guests, BARC Employees,
& FAR-B members



FAR - B
FRIENDS OF AGRICULTURAL RESEARCH - BELTSVILLE, INC.
P.O. BOX 1061
BELTSVILLE, MARYLAND 20704-1061

**Dedicated to Promote the Research and Education Programs of the Henry A. Wallace
Beltsville Agricultural Research Center (BARC), Beltsville, Maryland**

FAR-B Annual Meeting – May 19, 2015

Building 005, Room 21, BARC – W

President Jim Anderson opened the meeting at 11:00 a.m. by welcoming FAR-B members and Beltsville employees. He introduced Dr. Naomi Fukagawa, the recently appointed Director, Beltsville Human Nutrition Center. In recognition of the brief time she had been in her new position, she titled her presentation "Forty-four days and counting...BHNRC update". Dr. Fukagawa described briefly her background and some of her thoughts and plans for the future of BHNRC.

Following Dr. Fukagawa's presentation, Dr. Dariusz Sweitlik, Northeast Area Director, discussed the "Current State of the Northeast Area and a Look into the Future. Following Dr. Sweitlik's presentation, President Anderson summarized FAR-B's activities during the past year and its financial status. He then indicated that in order to clarify the succession of officers and handling of vacant officer positions, should they occur, the Board of Directors was proposing that the by-laws be amended, A motion was made to delete references to a Vice President in Article III Sections 1, 2 and 4 and change them to Immediate Past President with appropriate accompanying language. The motion was seconded and passed.

To conclude the meeting, on behalf of the nominating committee, Jim Anderson nominated Allan Stoner to serve as President for a three year term and Dave Kuykendall as a member of the Board of Directors. Their election to these positions was passed unanimously.

Following the business meeting, the attendees were invited to remain for a reception and light lunch.

Allan K. Stoner, Secretary



FAR-B ANNUAL MEETING
Building 005, Room 21, BARC - West
11:00 A.M., May 19, 2015

AGENDA

- 11:00 a.m. – Welcome – James Anderson, President FAR-B
- 11:05 a.m. – Invited Speaker, Dr. Naomi Fukagawa; Director, Beltsville Human Nutrition Center; Beltsville Area, ARS, USDA
“Forty-four days and counting....BHNRC update”.
- 11:45 a.m. – Dr. Dariusz Swietlik, NE Area Director “The Current State of Northeast Area and a Look into Future“
- 12:15 p.m. FAR-B Annual Report and Discussion– James Anderson
- 12:25 p.m. – Vote on changes to By-Laws & Election of New President & new Board members (Dr. Murrell)
- 12:35 p.m. - Reception & light lunch for Guests, Employees, & FAR-B members

OFFICERS

President	Vernon Pursel
Vice President	Darwin Murrell
Treasurer	Dick Zimmerman
Secretary	Jim Anderson

DIRECTORS

Hank Becker	Jim Butcher
Essex Finney	Freddi Hammerschlag
Phil Kearney	Allan Stoner
Jim Smith	Lew Smith

LIASONS

David Chitwood - BARC

Dianne Odland - ARS Information

AGENDA

11:00 a.m. - Introductions - Vernon Pursel, President

11:05 a.m. - Invited Speaker, Dr. Caird Rexroad, Jr.,
ARS Associate Administrator

**"Challenging Times at ARS but Research Opportunities
Still Knock"**

11:30 a.m. - BARC Update - Dr. Joe Spence, Beltsville Area
Director

11:45 a.m. - Annual Report - Vernon Pursel

12:10 p.m. - Reception & light lunch for *Guests*, BARC
Employees, and FAR-B Members

DON'T FORGET - 2nd FAR-B/BARC FRIENDSHIP DAY
Sunday, June 26 from 1 to 5 p.m.



Annual Meeting May 10, 2016

Building 005, Room 21, BARC-West

AGENDA

11:00 - Welcome - Allan Stoner, President FAR-B

11:05 - "Grand Challenge – What Does It Mean" -

Dr. Sally Schneider, ARS Deputy Administrator

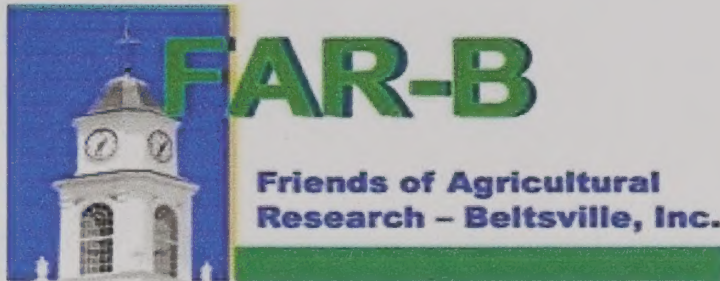
For Natural Resources and Sustainable Agricultural Systems

11:30 - "Status of Beltsville and the Northeast Area"

Dr. Dariusz Swietlik, Director, ARS Northeast Area

11:50 - FAR-B Annual Report and Discussion - Allan Stoner

**12:10 - Reception & light lunch for Guests , Beltsville Employees
& FAR-B members**



Annual Meeting May 10, 2017

Building 005, Room 21, BARC-West

AGENDA

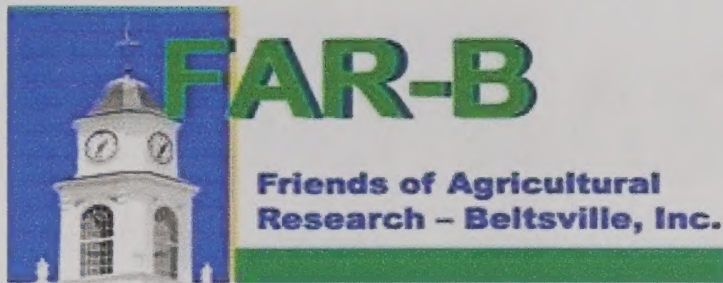
10:30 - Welcome – Allan Stoner, President FAR-B

**10:45 - “Henry A Wallace Agricultural Research Center – Yesterday,
Today and Tomorrow” – Dr. Howard Zhang, Director,
Beltsville Agricultural Research Center**

**11:10 - “Status of ARS and the Northeast Area” - Dr. Dariusz
Sweitlik, Director ARS, Northeast Area**

11:30 - FAR-B Annual Report and Discussion – Allan Stoner

**11:45 - Reception and Lunch for FAR-B Members, Beltsville
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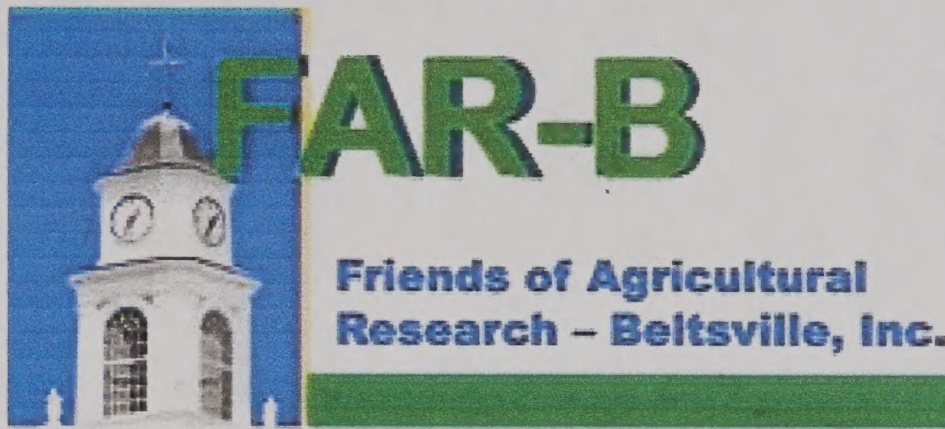
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